

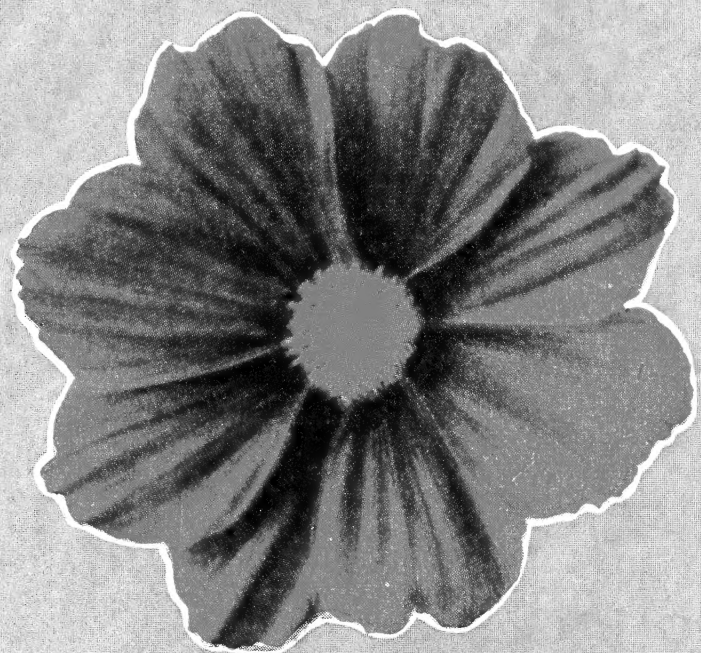
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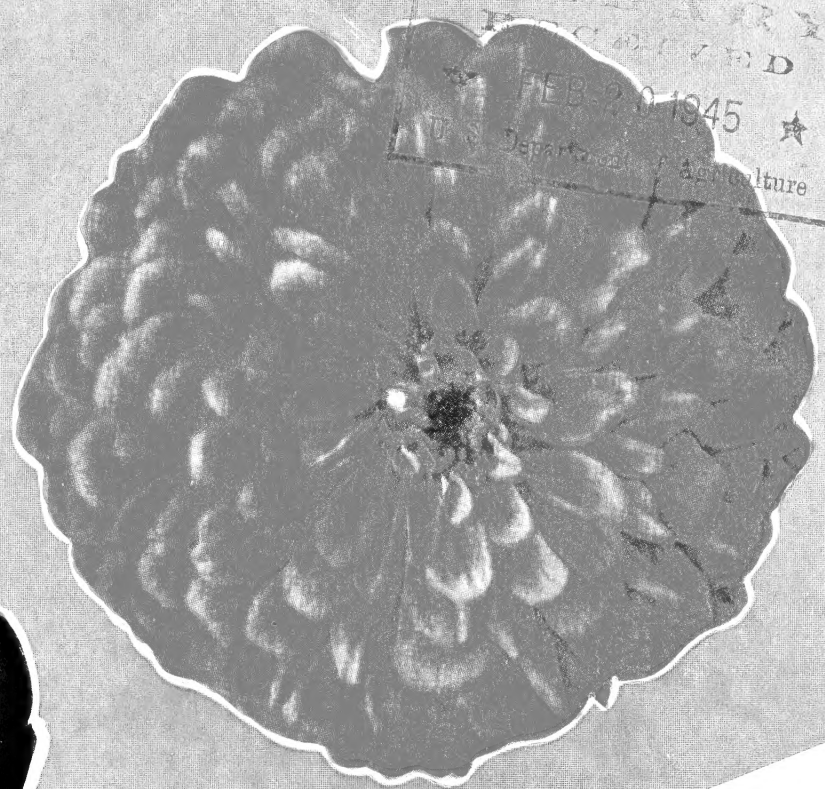


# 1945 ANNUAL CATALOG

*"Everything for your Garden but the Rain"*



**COSMOS**  
Sensation Dazzler



**ZINNIA**  
California Giant



**PANSY**  
STEELE'S  
MASTODON

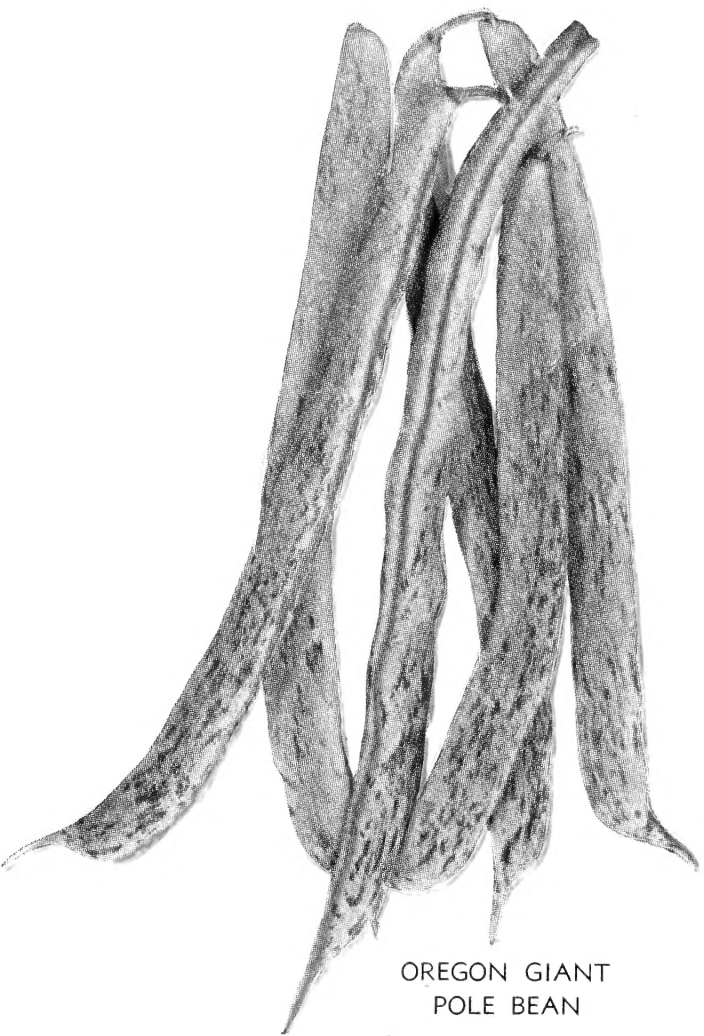
**Monarch**  
**SEED & FEED CO.**  
MEDFORD, ORE.

**Ted's**  
**FEED & SEED STORE**  
ASHLAND BRANCH  
ASHLAND, OREGON



**NEMESIA**





OREGON GIANT  
POLE BEAN  
Be sure to have it in  
your 1945 garden.



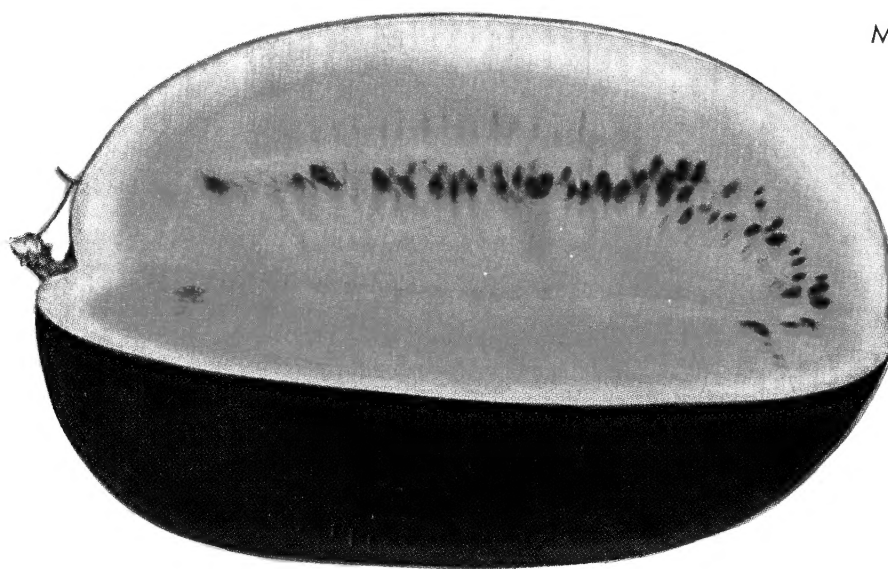
MUSKMELON "MONARCH PERFECTO"  
A melon with greater taste appeal.

## VEGETABLES WITH GREATER "TASTE APPEAL"

★ INCLUDE THEM IN YOUR  
1945 GARDEN



HYBRID  
GOLDEN  
MARKET  
Sweet Corn  
Truly delicious.



MONARCH KLONDIKE  
WATERMELON  
An improved early  
maturing strain,  
delicately flavored.

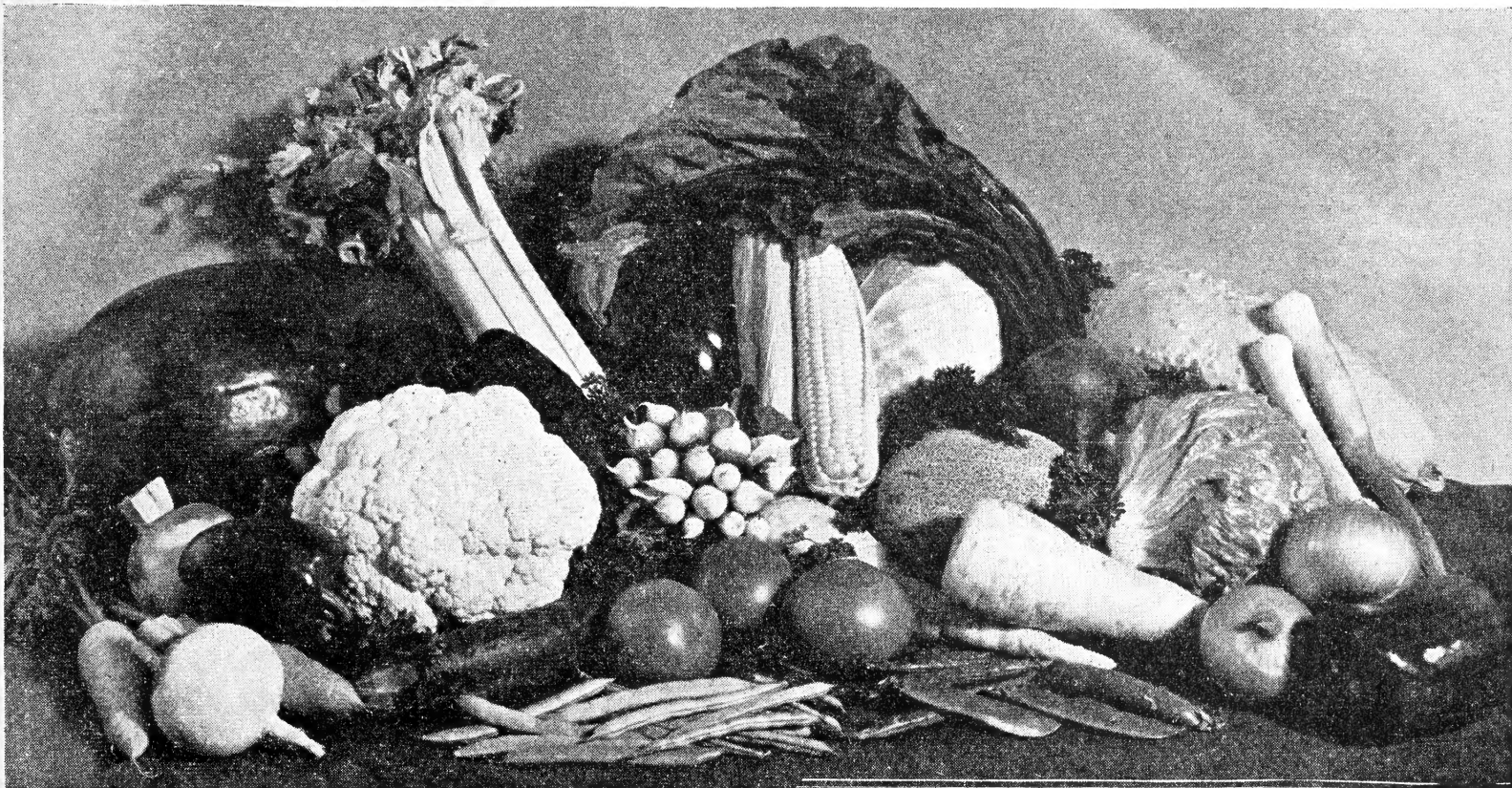


NANTES  
CORELESS  
CARROT



# YOUR VICTORY GARDEN

## Should Be Practical



**A** PRODUCTIVE VICTORY GARDEN is one more contribution you can make to the war effort. If it is well planned it will yield a large variety of fresh vegetables for your table.

Work out a complete plan of operation before you buy any seed or do any outside work. Be sure the vegetable garden will be in full sun more than half of the day.

Short beds are an advantage. They take less time to care for properly, therefore making a greater showing of accomplishment.

Outline the entire garden, including the paths and beds, with stout string fastened to stakes to make planting easier. Then place stakes for the first row and stretch a line between them. Repeat this before planting each row so it will be straight and all rows will be the correct distance apart.

Be sure your garden plot has good drainage. Standing water will ruin plants. There should be some protection against strong winds.

Essential tools you will need are spade (or fork), hoe, rake, and a small hand duster or sprayer.

A "spring gardener" lets his work go with neglect as soon as the weather is warm. So make a good start and keep going all season by doing a little bit each day. That is the advantage of the short row—it is never discouraging.

Remember the soil in your garden is a part of the arsenal of democracy.

We have the best seeds you can obtain. They are selected for high germination and purity through constant testing and selection.

### LOCATION—PREPARING THE SOIL

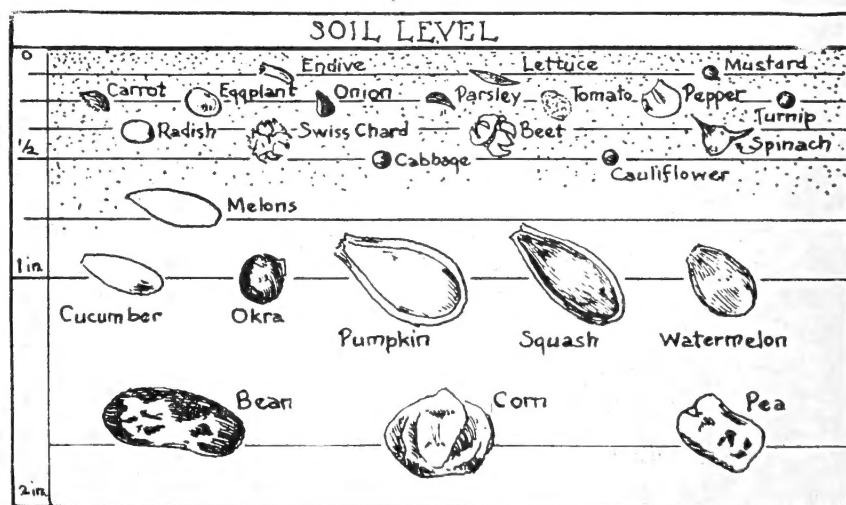
Exposure for the vegetable garden should be sunny. No common vegetable will grow under trees, or in the shade of buildings—only a few herbs will thrive under such conditions.

The garden should be as open and as sunny as possible. Sometimes buildings on adjacent lots may shade the garden

a little, but if the sun reaches the soil at least half of the day, you will be able to grow most any vegetable you desire.

Plan the vegetable rows to run from north to south. This direction gives the most benefit from the sun. Another way is to plant the taller kinds behind so that they never shade the small ones.

**Good soil** is as essential as sunlight to growing plants. Most soils will grow vegetables, or can be made suitable by thorough, deep spading and liberal applications of manure, peat or other humus material at that time. Dig as deep as the spading fork or spade will go, forcing it straight down before lifting and turning the soil over, breaking up all clods. Grass may be turned under to rot and make humus, but the roots of perennial weeds, like dandelions and thistles, should be removed. Throw out all large stones, building refuse and other material detrimental to growing plants.





## WHAT AND HOW TO PLANT

In selecting vegetables to plant include the ones your family should eat as well as the kinds they like. A well balanced diet is most important and should include green vegetables, yellow vegetables, leafy vegetables, root vegetables, and tomatoes.

Leafy or green vegetables for crisp salads. These are rich in vitamins and minerals.

Root vegetables, beets, carrots, turnips and onions, all rich in health-giving vitamins.

Vine vegetables—peas, beans, cucumbers, on the fence or trellis. The heavy-fruited types, like vine squash, and pumpkin, should be grown on the ground as always, among the corn to save space.

Flowers to compliment the vegetables. Morale does not stop with the stomach. Flowers for the house, fresh from the garden, are essential. Plant them, as shown, on the plan to make the view from the house attractive and colorful.

## SOW SEEDS AT RIGHT TIME

Sow seeds at the proper season and avoid waste. We have the highest quality seeds available.

Work down the top soil with a rake until it is level, fine and in perfect physical condition, before attempting to plant seed.

Seed should be sown thinly in shallow rills, made with a stick as shown in the sketch. To make the rows straight, follow a line of string stretched between stakes placed at either end of the row. The depth of this rill depends on the variety sown. Check with the depth of planting chart on page 21 before sowing seed.

Seed may be sown directly from the packet, or by rubbing a pinch of seed between the thumb and the first two fingers. This latter method gives a thinner distribution of the seed. Small seeds should not be thicker than 10 to the inch. Sow one row at a time and after each row, cover the seed lightly, touching the loose soil with a rake. Place the board used for walking between the rows on top of the sown seed and walk across it to firm the soil for better germination.

Treatment of the seed with "Cuprocide" will eliminate a great deal of damping off, and rotting of the seed after sowing, especially if sown during the wet weather.

If the soil is moist, but not wet, at the time of sowing, watering will not be necessary before the seedlings are up. If it dries out, however, sprinkle carefully so as not to wash out the small seedlings.

## USE PLENTY OF GOOD FERTILIZER

Fertilizers are very important. The food value of garden vegetables for human consumption depends greatly on their mineral content, derived from the soil. The vitamin content depends on the vigor of growth and the abundance of sunlight. Therefore, the fertilizing of the soil is important to insure vigorous growth and healthy mineral and vitamin-rich vegetables. A good practice is to spade commercial fertilizer, balanced to supply the necessary proportions of nitrogen, phosphorus and potash. Later in the season, applications of fertilizers in small doses, as side dressings, keep vegetables in active growth. Ask us for special fertilizer formulas for vegetable gardens.

## WATERING IS IMPORTANT

Watering will be necessary during the growing season. It should be done early enough in the day to evaporate drops of water from the leaves before nightfall. Water generously, soaking the soil deeply each time, rather than by quick "sprinkles" with the hose. In this way, the roots will grow deep, feed better and be protected from drouth, in case watering is missed during a hot dry spell. Once every week or ten days should be ample for most soils. No rules can be formulated to determine the necessity of watering. Observation of the soil, and testing with a shovel, will best determine when to water.

## CULTIVATE OFTEN

To conserve moisture and promote growth of plants, give a complete cultivation of the surface soil the day following each rain or watering. Be careful not to go deep in the soil, else the roots will be injured. Most plants benefit by frequent and regular cultivation. Beans and peas, however, need only a light cultivation until they begin to set flowers, when further cultivation may cause the buds to drop and reduce the crop.

## SPADING THE SOIL - This operation

may be done as soon as the ground is workable in spring or fall and allowed to lie idle until spring. Turn over soil, break clods, remove sticks, stones, and perennial weed roots.

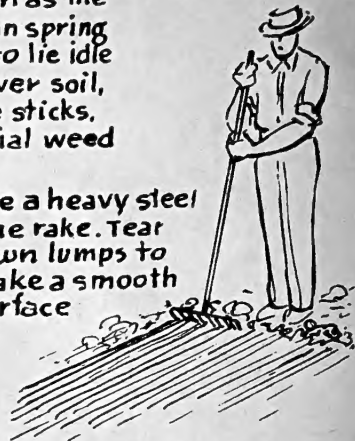


Push fork straight down full depth.

Manure or fertilizer

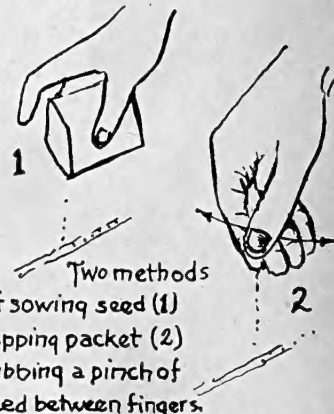
## • RAKING SOIL

Use a heavy steel tyne rake. Tear down lumps to make a smooth surface



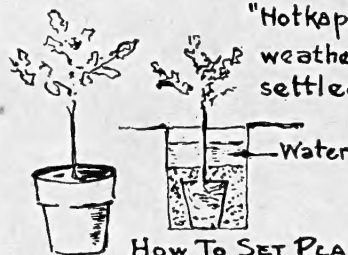
Walk on a board when sowing seed. Make a V-shaped groove for seed

Pointed Stick



Two methods of sowing seed (1) tapping packet (2) rubbing a pinch of seed between fingers.

Plants are safer and easier to use for tomato (sketch), pepper, cauliflower, eggplant, celery and cabbage. Select vigorous plants properly hardened to resist cool weather. Protect with "Hotkaps" when weather is unsettled.



How To Set Plants



## SPRAY AND DUST FOR PESTS

Insects and diseases may infest the vegetable garden but may never become a serious problem if one watches for evidence of damage and takes prompt action. Sprays and dusts are available in convenient packages to combat every garden pest. When spraying cover all parts of the plant and both sides of the leaves. Do a thorough job promptly and avoid a serious infestation.

## SPACE SAVING IN THE VEGETABLE GARDEN

Simple expedients that save space in the garden and make better vegetables are always helpful to the home gardener. The average plan will call for the easier kinds: beets, carrots, swiss chard, leaf lettuce, onions and corn, all of which can be grown in small gardens. A few others, requiring a larger space, can be grown by training on poles, trellises, or fences, thus utilizing a minimum of soil space.

Other quick maturing kinds can be grown between rows of the slower growing, and longer maturing kinds, or even between the plants in the row. The ground then does double duty, and it is therefore quite essential to fertilize the soil in order to support these extra crops and to watch the watering more carefully for the demands of the garden will be greater.

Try a few of these methods—save the extra effort of a larger garden by intensively working a smaller area.

## PARCEL POST RATES

	Zones							
	1 and 2	Zone 3	Zone 4	Zone 5	Zone 6	Zone 7	Zone 8	
Shipping	not	150	300	600	1000	1400	1800	Over
Weight	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles
1 Pound.....	\$0.09	\$0.10	\$0.11	\$0.12	\$0.13	\$0.15	\$0.16	
2 Pounds.....	.11	.12	.15	.18	.20	.24	.27	
3 Pounds.....	.12	.14	.18	.23	.27	.33	.38	
4 Pounds.....	.13	.16	.22	.28	.34	.42	.49	
5 Pounds.....	.14	.18	.25	.34	.41	.52	.61	
6 Pounds.....	.15	.20	.29	.39	.48	.61	.72	
7 Pounds.....	.16	.22	.32	.44	.56	.70	.83	
8 Pounds.....	.17	.24	.36	.50	.63	.79	.95	
9 Pounds.....	.18	.26	.39	.56	.70	.89	1.06	
10 Pounds.....	.19	.28	.43	.61	.77	.98	1.17	
11 Pounds.....	.20	.30	.46	.66	.84	1.07	1.29	
12 Pounds.....	.22	.32	.50	.72	.92	1.16	1.40	
13 Pounds.....	.23	.34	.54	.77	.99	1.26	1.51	
14 Pounds.....	.24	.36	.58	.82	1.06	1.35	1.63	
15 Pounds.....	.25	.38	.61	.89	1.13	1.44	1.74	
16 Pounds.....	.26	.40	.65	.94	1.21	1.53	1.85	
17 Pounds.....	.27	.42	.68	.99	1.28	1.63	1.97	
18 Pounds.....	.28	.44	.72	1.05	1.35	1.72	2.08	
19 Pounds.....	.29	.46	.75	1.10	1.42	1.81	2.19	
20 Pounds.....	.30	.48	.79	1.15	1.49	1.91	2.31	
21 Pounds.....	.31	.50	.82	1.21	1.57	2.00	2.42	
22 Pounds.....	.33	.53	.87	1.27	1.64	2.09	2.53	
23 Pounds.....	.34	.55	.90	1.32	1.71	2.18	2.65	
24 Pounds.....	.35	.57	.94	1.37	1.78	2.28	2.76	
25 Pounds.....	.36	.59	.97	1.43	1.85	2.38	2.87	

## PLANTING TABLE FOR VEGETABLES

SPECIES	Seed required for 50 ft. of row	Seed required to sow an acre	Distance between rows inches	Distance apart in row inches	Depth of planting inches
Artichoke, Globe .....	1/4 oz.	6 to 8 oz.	40 to 48	18 to 24	1
Asparagus .....	1/2 oz.	4 lbs.	18 to 24	3 to 6	1
Beans, Bush .....	1/2 lb.	50 to 60 lbs.	24 to 30	2 to 3	1 1/2 to 2
Beans, Lima .....	1/2 lb.	30 to 50 lbs.	24 to 36	3 to 6	1 1/2 to 2
Beans, Pole .....	1/2 lb.	30 to 35 lbs.	36 to 48	6 to 8	1 1/2 to 2
Beet .....	1/2 oz.	8 to 14 lbs.	14 to 24	3 to 4	1/2 to 1
Beet, Mangel & Sugar .....	1/2 oz.	6 to 10 lbs.	18 to 24	6 to 9	1/2 to 1
Swiss Chard .....	1/2 oz.	6 to 10 lbs.	18 to 24	10 to 12	1
Broccoli .....	1/4 oz.	4 oz.	20 to 36	16 to 22	1/2 to 1
Brussels Sprouts .....	1/2 oz.	4 oz.	20 to 36	16 to 22	1/2 to 3/4
Cabbage .....	1/4 oz.	4 oz.	18 to 36	14 to 24	1/2
Carrot .....	1/2 oz.	5 oz.	20 to 32	20 to 30	1/2 to 1
Cauliflower .....	1/4 oz.	3 to 4 lbs.	16 to 24	1 to 3	1/2
Celery .....	1/4 oz.	4 oz.	24 to 30	20 to 24	1/2
Chicory .....	1/2 oz.	4 to 5 lbs.	20 to 36	2 to 3	1/2 to 1
Collard .....	1/4 oz.	5 oz.	24 to 30	14 to 18	1/2
Corn, Pop .....	3 oz.	6 to 8 lbs.	34 to 40	6 to 8	1
Corn, Sweet .....	4 oz.	10 to 14 lbs.	30 to 42	9 to 12	1
Corn Salad .....	2 oz.	10 to 12 lbs.	14 to 18	3 to 4	3/4
Cress .....	1 oz.	10 lbs.	12 to 18	2 to 4	1/2
Cucumber .....	1/2 oz.	3 to 4 lbs.	48 to 60	12 to 36	1/2 to 3/4
Dandelion .....	1/4 oz.	5 to 6 lbs.	18 to 22	6 to 10	1/2
Dill .....	1/2 oz.	5 lbs.	20 to 36	4 to 6	1/2
Egg Plant .....	1/2 oz.	5 to 6 oz.	24 to 36	18 to 24	1/2
Endive .....	1/2 oz.	4 to 5 lbs.	18 to 24	8 to 12	1/2
Fennel .....	1/2 oz.	3 to 4 lbs.	24 to 32	5 to 8	3/4
Kale .....	1/2 oz.	4 to 5 lbs.	24 to 32	14 to 22	1/2
Kohl Rabbi .....	1/4 oz.	4 to 5 lbs.	14 to 24	4 to 6	1/2
Leek .....	1/4 oz.	4 lbs.	14 to 36	2 to 3	3/4
Lettuce .....	1/4 oz.	3 lbs.	12 to 18	4 to 12	1/4
Melon, Musk .....	1/2 oz.	3 to 4 lbs.	70 to 80	36 to 60	3/4
Melon, Water .....	1/2 oz.	3 to 4 lbs.	72 to 96	72 to 96	3/4
Mustard .....	1/4 oz.	4 lbs.	14 to 24	6 to 9	1/2
Okra .....	1 oz.	8 to 10 lbs.	24 to 40	18 to 24	1
Onion .....	1/4 oz.	3 to 4 lbs.	18 to 24	3 to 4	3/4
Onion (for sets).....		60 to 85 lbs.	12 to 14	Not thin'd	3/4
Parsnip .....	1/2 oz.	3 to 4 lbs.	18 to 24	3 to 4	1/2
Parsley .....	1/4 oz.	3 to 4 lbs.	12 to 20	6 to 8	1/2
Peas .....	3/4 lb.	90 to 180 lbs.	24 to 36	1 to 2	1 to 2
Pepper .....	1/8 oz.	1 to 2 lbs.	20 to 30	18 to 20	1/2
Potatoes .....	8 lbs.	800-1000	24 to 36	18 to 24	6
Pumpkin .....	2 oz.	3 to 4 lbs.	96 to 110	60 to 84	3/4
Radish .....	1/2 oz.	10 to 12 lbs.	12 to 18	1 to 2	1/2
Rhubarb .....	1/2 oz.	3 lbs.	24 to 42	20 to 24	3/4
Rutabaga .....	1/2 oz.	2 to 4 lbs.	18 to 24	4 to 7	1/2
Sage .....	1/2 oz.	4 to 5 lbs.	20 to 24	6 to 10	1/2
Salsify .....	3/4 oz.	7 to 8 lbs.	18 to 24	2 to 3	3/4
Sorrel .....	1/2 oz.	4 to 5 lbs.	12 to 22	2 to 3	1/2
Spinach .....	3/4 oz.	10 to 20 lbs.	14 to 18	3 to 5	3/4
Squash, Bush .....	1 oz.	4 to 6 lbs.	42 to 48	42 to 48	1
Squash, Vining .....	1 oz.	4 lbs.	72 to 90	60 to 90	1
Sunflower .....	1 oz.	7 to 8 lbs.	48 to 70	10 to 12	1
Tomato .....		2 oz.	40 to 60	36 to 40	1/2
Tobacco .....		2 oz.	36 to 48	24 to 36	1/2
Turnip .....	1/2 oz.	2 to 3 lbs.	12 to 20	2 to 4	1/2

Plant carrots, turnips, beets, onions, lettuce, spinach and celery in double rows one foot apart instead of single rows. Sow radishes, leaf lettuce and bunching onions in beds which are later planted to other crops requiring more space.

Train pole beans, tall peas, limas, or cucumbers on heavy twine stretched between poles and wires or train on the fence.

Tomatoes are best on a stout trellis. Tie with strips of soft cloth. Pinch or prune some of side branches but not the flower clusters which grow at the opposite side of stem.

Get an extra Cabbage crop of quick maturing crops by planting with lettuce slow kinds.

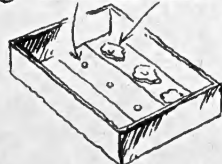
Radishes, onions, or lettuce between peppers or eggplant rows.



## HOW TO PLANT SEEDLINGS IN FLATS

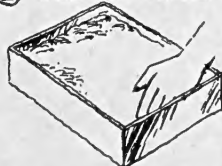
All delicate plants such as Petunias, Stocks, Snapdragons, many vegetables like Tomatoes, Peppers, Cabbage, Celery, etc., and all perennials are best grown this way from seed. It saves time, and the resulting seedlings are huskier, ready to plant out sooner and often flower earlier than those from seed sown outdoors.

### ① DRAINAGE HOLES



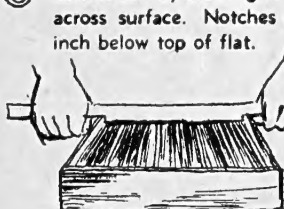
Place pieces of broken flower pots to keep drainage holes open.

### ② FILL



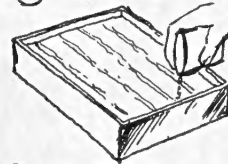
flat with soil made of equal parts of peat or leaf mold and garden loam and sand. With hand firm the soil around edges of flat.

### ③ LEVEL



soil by drawing notched lath back and forth across surface. Notches make soil level about 1/2 inch below top of flat.

### ④ SOW



seed evenly either over the surface (broadcast) or in rows which can be marked with labels. Soak flat by standing in water until surface is wet.

### ⑤ LOOSEN



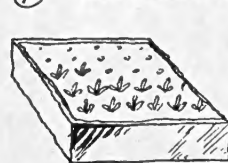
plants in flat with a putty knife or similar tool

### ⑥ LIFT



little seedlings with a special tool made by notching the end of a garden label, as shown.

### ⑦ TRANSPLANT



seedlings carefully in new flat of soil in hole made with a small dibble or pencil. Make holes 2 inches apart each way. Press soil firmly about the seedlings. Sprinkle with a fine spray of water.

When seedlings are growing vigorously transplant to the open ground in beds previously prepared by spading, working in fertilizer and raking smooth



## CUSTOMERS PLEASE TAKE NOTICE

**Our Terms are Strictly Cash with Order.** We prefer not to send seeds C. O. D. unless order is accompanied by at least one-third of the amount of order.

**How to Remit.** Send postal money order, express money order, or check. Stamps will do if your order is for a small amount.

**Errors.** We exercise every care in handling your orders, but should an error occur, kindly write us at once, and we will adjust it promptly.

**All prices in this catalog are subject to change without notice.**

**Reports—Good or Bad.** Will you help us to attain greater success by writing and telling us how our Seeds and Supplies reach you, how they grow and **how you like them?** We will certainly appreciate it. Your criticisms, if you have any, as well as your praises, are desired.

## NOTES ABOUT PARCEL POST

Poisons can not be sent by mail, but may be shipped by express.

Weight limit in all zones 70 pounds.

**Non-Warranty.** Most of the failures with seeds are due to causes entirely beyond our control, such as unfavorable weather or soil conditions, too deep or too shallow planting, etc., which renders it impossible for us to guarantee success. We therefore give no warranty as to description, quality or productiveness of any of the seeds we send out, and will not be in any way responsible for the crop. If the purchaser does not accept the goods under these conditions, they are to be at once returned.

**WE DO NOT GUARANTEE REPLACEMENT OF GOODS SENT BY MAIL.** An additional remittance of 5 cents will insure any mail package.

## NUMBER OF TREES OR PLANTS ON AN ACRE

1 by 2 feet.....	21,780	6 by 8 feet.....	907
1 by 3 feet.....	14,520	6 by 6 feet.....	1,210
1 by 4 feet.....	10,890	8 by 8 feet.....	680
1½ by 2 feet.....	14,520	10 by 10 feet.....	430
1½ by 3 feet.....	9,680	12 by 12 feet.....	802
2 by 3 feet.....	7,260	15 by 15 feet.....	193
2 by 4 feet.....	5,445	16 by 16 feet.....	170
3 by 4 feet.....	3,630	18 by 18 feet.....	135
3 by 5 feet.....	2,904	20 by 20 feet.....	109
3 by 6 feet.....	2,420	25 by 25 feet.....	70
4 by 4 feet.....	2,722	30 by 30 feet.....	48
4 by 6 feet.....	1,815	40 by 40 feet.....	27

**RULE—**Multiply the distance in feet between the rows by the distance the plants are apart in the rows, and the product will be the number of square feet for each plant or hill, which, divided into the number of square feet in an acre (43,560), will give the number of plants to the acre.

## YOU CAN INCREASE THE NUMBER AND QUALITY OF BERRIES ON ORNAMENTAL SHRUBS . . . by spraying with

# FRUITONE

REG. U. S. PAT. OFF.

This plant hormone spray will help to develop big berries on holly, snow berry, euonymus, pyracantha and other berry bearing shrubs—even when they are bi-sexual and no male plants are near. Simple and easy to use. Stops drop of leaves and fruit.

2/5 oz. pkt. (5 gallons of spray) 25c.

2 ozs. (25 gallons of spray) \$1.00.

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# FOUR FLOWERS EVERY GARDEN NEEDS

We have selected these four outstanding varieties because of their beauty and ease of culture . . . four flowers you cannot dispense with if you want a riot of color in your garden. Illustrated in color on front cover.



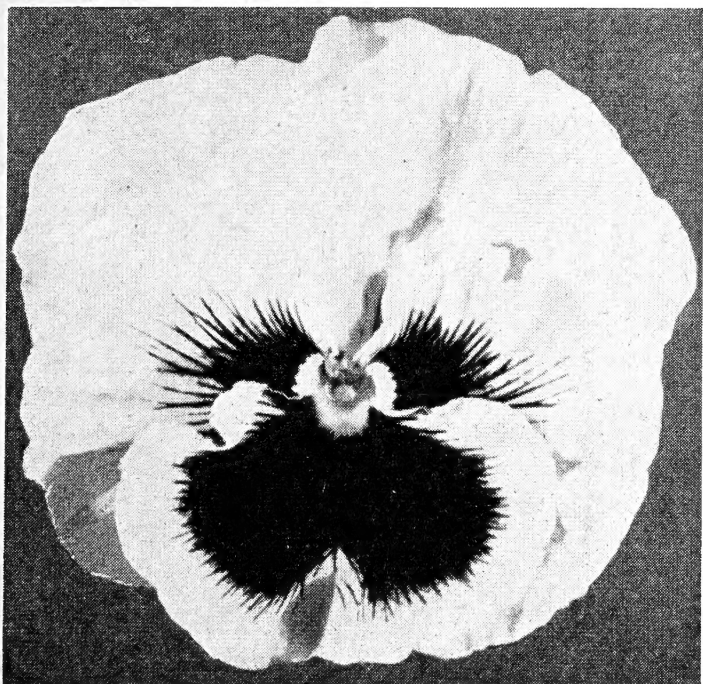
COSMOS, DAZZLER

## COSMOS

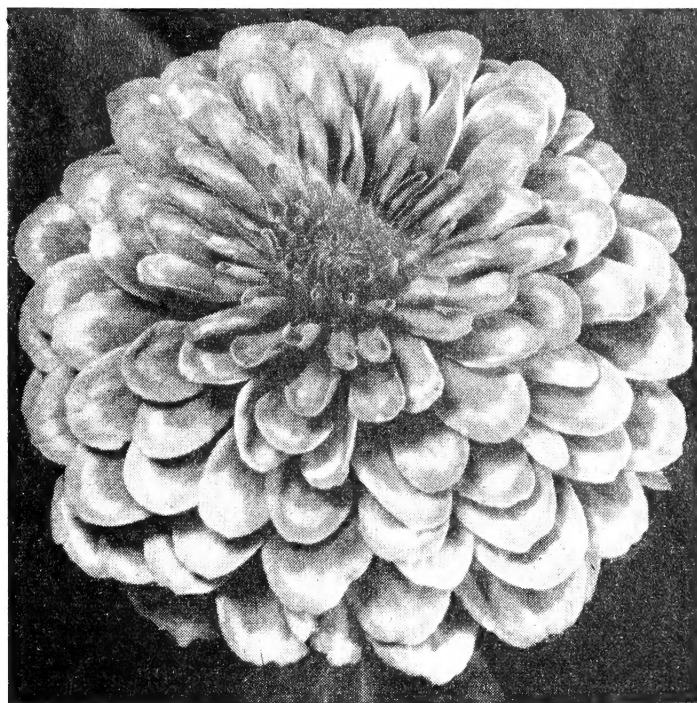
**DAZZLER.** Of the new Sensation Family of Cosmos. Dazzler is a luscious shade of rich deep velvety crimson maroon. A worthy companion of its predecessors Pinkie and Purity. Flowers are immense, four to five inches or more in diameter with heavy fluted petals which slightly overlap giving a very full single flower, ideal for cutting. Pkt. 15c.

**PINKIE.** Sensational strain. A clear rose pink. Like Dazzler this too is a giant, single flower of striking attractiveness. Produces flowers in 8 to 10 weeks from seed. Plants grow 4 to 5 feet tall. Pkt. 15c.

**PURITY.** Sensation strain. Purity is the glistening white Cosmos type as Pinkie and Dazzler are the delightful rose-pink and crimson shades. Same growth characteristics. Pkt. 15c. Three packets of above 35c.



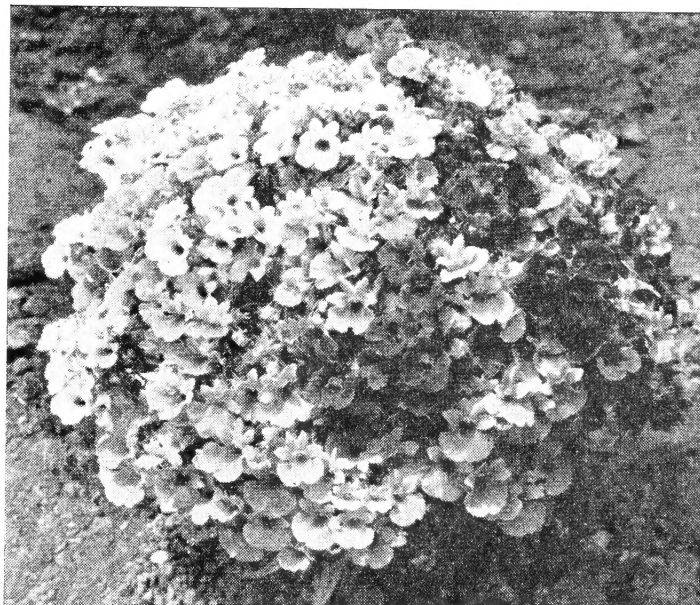
MASTODON PANSY



ZINNIA, CALIFORNIA GIANT

**CALIFORNIA GIANT ZINNIAS.** A mammoth strain of Zinnias embracing colors from white, through pink, cherry rose, crimson, orange, salmon to deep scarlet. Plants grow 3 to 4 feet tall and bear abundantly. Blooms are large and flat and very graceful for their size. Ours is an improved strain which we offer only in the mixed colors believing that the blend of colors will please the most exacting flower lover. Pkt. 15c.

**NEMESIA.** A genus of small half-hardy South African annuals of the Figwort Family, having bright yellow, orange, red, bright blue and purple blossoms, resembling those of Snapdragons in miniature. A close planting of these brilliant little flowers makes an effect like mosaic of jewels. Height, 6 to 12 inches. Plant in flats or boxes in March transplanting to open ground in early May. Nemesis makes a striking border and is adaptable to rockeries. Pkt. 25c.

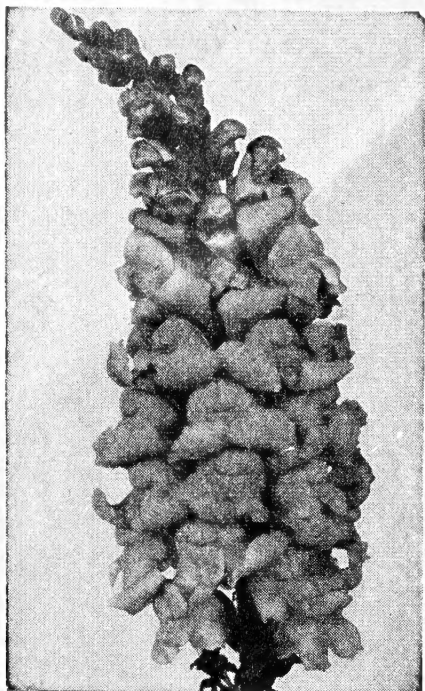


NEMESIA

**STEELE'S MASTODON PANSY.** This hybrid pansy contains many rayed centers and is often two-toned and ruffled. Re-selected from originator's seed. Early blooming, with exceptionally large blossoms and beautiful colors, including many pastel and bronze shades. A blossom measuring 4 inches or more is not unusual for this variety. An outstanding Pansy. Pkt. 50c.



# Annual and Perennial Flower Seeds



SNAPDRAGON

## AGERATUM, Floss Flower (a)

One of the most popular Summer blooming plants grown from seed, being literally covered with flowers from early Summer until frost. Excellent for borders, edgings, rockery, or pots. The taller varieties are fine for cutting. Do well in semi-shade.

**AGERATUM MIDGET BLUE.** Silver Medal, All-America Selection, 1940. A very fine dwarf (2 to 3 inches high) Ageratum with delicate foliage, which is practically smothered with small true Ageratum Blue flowers. This is really the first dwarf Ageratum we have found that will come uniformly dwarf and true to color from seed. Pkt. 25c.

**BLUE BALL.** Compact round plants, 6 inches tall, hidden by a mass of pure blue flowers. Fine for dwarf beds and edging. Pkt. 15c.

## ALYSSUM, Madwort

One of the most popular garden flowers, remaining in bloom the entire season; suitable for beds and edging in Summer, or for growing in pots and boxes for Winter blooming.

**CARPET OF SNOW.** (ra). White flowers on plant only 3 inches tall. Rapidly becoming a favorite variety. Pkt. 10c.

**SAXATILE COMPACTUM.** Perennial. Sometimes called Basket of Gold. It grows compactly and is covered with a wealth of golden blossoms in early spring. Height 12 inches. Pkt. 10c.

**VIOLET QUEEN.** Dwarf compact plants of small, sweetly scented flowers of a very rich deep shade of violet. Neat in habit and free flowering, Violet Queen will unquestionably be one of the leading novelties of the season. Pkt. 25c.

## ANCHUSA, Summer Forget-Me-Not (a)

A free-flowering class, producing its charming Forget-Me-Not-like blooms in graceful sprays from early Summer until late Fall.

**BLUE BIRD.** Deep blue flowers on plants 18 inches tall. Pkt. 15c.

## ARCTOTIS HYBRIDS AUTUMN SHADES (a)

A gay and cheerful member of the colorful winter and spring blooming flowers. Dozens of blossoms open at a time, commencing to bloom in December or January. Many shades of red, orange, yellow, typical autumn tones. Foliage is a soft gray green with slender wavy edged leaves. A decided addition to the border garden.

Mixed. Pkt. 15c.

## ANTIRRHINUM, Snapdragon (a)

Snapdragons are fascinating flowers, with their interesting form and glowing colors. They are easy to grow and will bloom continuously until severe frost, making a wonderful display and supplying unlimited cut flowers. Ordinary good garden soil will produce fine Snapdragons either in full sun or semi-shaded spots. Sow outdoors when danger of frost has passed, or indoors six weeks earlier.

**ROSALIE** (Bronze Medal, All-America Selections, 1940). This exciting color is entirely new in Antirrhinum. It is a rich deep rose with an underlying tone of topaz or amber, giving it a richness which makes it stand out among all other colors. The plants are base branching and produce from six to eight huge long flowering spikes on which the florets are decidedly well arranged. This is an all-purpose Snapdragon. Pkt. 25c.

**SWING TIME.** New rust resistant novelty. The loveliest rose pink imaginable with a bright yellow touch and a white tube that is an addition to its beauty rather than a hindrance. Spikes are huge and evenly packed with immense blooms beautifully tapered. Pkt. 25c.

## SUPER GIANTS, RUST RESISTANT

30 to 36 inches tall.

**APPLE BLOSSOM.** Rosy pink, white tube. Pkt. 20c.

**CRIMSON.** Fiery crimson. Pkt. 20c.

**FINEST MIXED.** Pkt. 20c.

## LARGE FLOWERED, HALF DWARF

Rust Resistant

**Finest Mixed.** Pkt. 15c.

## AQUILEGIA, Columbine (p)

These are among the most beautiful of Spring and early Summer flowers; very effective when grown in the herbaceous border and groups among shrubbery. Graceful spurred flowers on stems 2 feet or more above the fern-like foliage.

**LONG SPURRED BLUE SHADES, SPECIAL STRAIN.** The finest strain in existence. The result of years of selecting. Huge flowers on plants from 3 to 4 feet high. This strain was bred and perfected by Waller-Franklin over a long period of years. Pkt. 35c.

**MRS. SCOTT ELLIOTT'S IMPROVED STRAIN.** One of the finest tall strains ever developed, long-spurred, large flowers, in a splendid mixture of colors. Pkt. 25c.

a, annual; b, biennial; c, climber; p, perennial; ra, rock plant annual; rp, rock plant perennial.



AQUILEGIA, COLUMBINE



# ANNUAL AND PERENNIAL FLOWER SEEDS

## ASTER (a)

We can imagine no other flower which combines so much beauty with grace and usefulness and with which more brilliant effects can be achieved. From July until September this flower reigns supreme in the garden, not equaled by any other. For these obvious reasons we give a great deal of attention to these flowers, and are in a position to offer our patrons remarkably fine strains, producing perfect flowers of great beauty. To do well, Asters require a well pulverized soil, always kept open by continuous cultivation. Height, 1 to 3 feet.

**PRINCESS ASTER, Wilt-resistant.** A very attractive new cutting type of wilt-resistant aster, 2-2½ ft. tall, branching and free flowering, early blooming, bearing quantities of 3-3½ in. flowers on strong stems. Flowers have a full deep crested center, surrounded by several rows of dainty plume-like guard petals. See illustration.

**Princess Anne.** Peach Blossom. Pkt. 25c.

**Princess Bonnie.** Soft salmon-rose. Pkt. 25c.

**Princess Marsha.** Rich cinnabar scarlet. Pkt. 25c.

**IMPROVED GIANTS OF CALIFORNIA.** This Aster bids fair to become a universal favorite. Characterized by the well-known Crego type of flower, combined with the Beauty Aster's long, non-lateral, branching stems, the California Giants, double type Aster, stands at the head of the list.

**Finest Mixed.** Pkt. 15c.

**SUPER GIANT LOS ANGELES.** Award of Merit, All-America Selections, 1934. The first introduction in modern Super Giant class, the flowers are fully double, 6 to 8 inches across, graceful and delicately interlaced. Long, stiff stems, bearing the large shell pink flowers smartly upright. Pkt. 15c.

**ASTER, EARLY GIANT WILT-RESISTANT, LIGHT BLUE.** Silver Medal, All-America Selections, 1939. Fully wilt-resistant, extremely large flowered and most attractive colors. Color is a rich light blue, a shade which blends in beautifully with either deeper or lighter tones. Pkt. 15c.

**ASTER, EARLY GIANT WILT-RESISTANT, Peach Blossom.** Very large and full with broad, graceful petals, daintily plumed and intertwined. Peach Blossom has particularly full-petaled flowers of an attractive shade which opens almost white and flushes light pink then lavender pink as flower matures. Plants 1½ to 2 feet tall. Pkt. 15c.

**IMPROVED CREGO WILT-RESISTANT.** The large shaggy flowers with long curled petals are not unlike the ostrich feather for which they are commonly named. The plants are strong, heavily branched and grow about 2½ feet in height.

**Crimson.** Glowing deep rose-crimson. Pkt. 15c.

**Purple.** Showy violet purple. Pkt. 15c.

**Rose.** Lovely bright carmine rose. Pkt. 15c.

**White.** Purest white, large and fluffy. Pkt. 15c.

**Crego's Finest Mixed.** Pkt. 15c.

**AMERICAN BRANCHING. Wilt-Resistant.** Plants 2½ to 3 feet tall, branching, robust; flowers large, double and fine form, blooming in early September. Our selected stocks of these are the best money can buy.

**Finest Mixed.** Pkt. 15c.

**SINGLE ASTERS.** (a) Large, daisy-like flowers in the same colors as the double China Asters, 18-24 inches high with large flowers on graceful stems. Fine for variety in the garden. Excellent for cutting. Mixed. All colors. Pkt. 15c.



ASTER, PRINCESS BONNIE

**BABY'S BREATH** (See Gypsophila)

**BACHELOR'S BUTTON** (See Centaurea)

**BALSAM, Lady Slipper** (a)

An old and popular garden flower of easy culture. Gorgeous masses of brilliant colored double flowers are produced in the greatest profusion. Height, 2 feet.

**CAMELLIA FLOWERED.** Finest mixed. Pkt. 15c.

**BEAN** (a)

A rapid climber, flowering profusely; grows 10 to 15 feet high. Edible as well as ornamental.

**SCARLET RUNNER.** Pkt. 15c.

**BLUE FERN FLOWER** (See Nierembergia)

**BRACHYCOME, Swan River Daisy** (a)

Brilliant free-flowering annual blooming throughout the Summer months and suitable for beds or borders. The dainty flowers resemble small Cinerarias. Height, 6 to 12 inches.

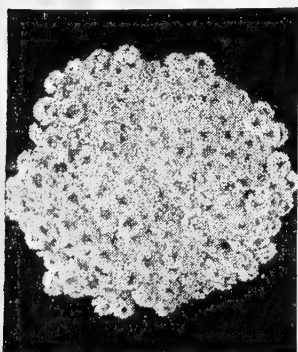
**Mixed Colors.** Pkt. 25c.

**CALLIOPSIS, Tickseed** (a)

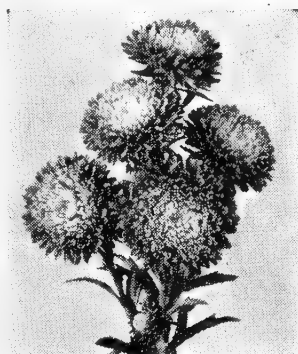
Very showy and splendid subjects for garden decoration as well as for cutting. Sow seed where intended to bloom in early Spring; thin out to 6 inches apart. Cut flowers as soon as they fade, as this prolongs the blooming season until Autumn. Height, ½ to 2½ feet.

**GOLDEN CROWN.** Silver Medal, All-America Selections 1938. An enlarged Drummondii. A rich orange-yellow or gold of pleasing fragrance. Makes a good cut flower with 12-inch wiry stems. Similar to Golden Crest.

**Tall Mixed.** Pkt. 15c.



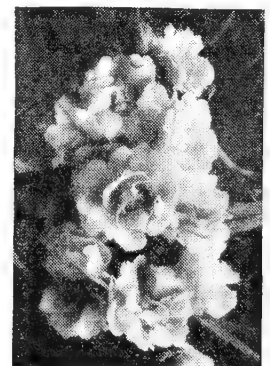
ALYSSUM, CARPET OF SNOW



ARCTOTIS

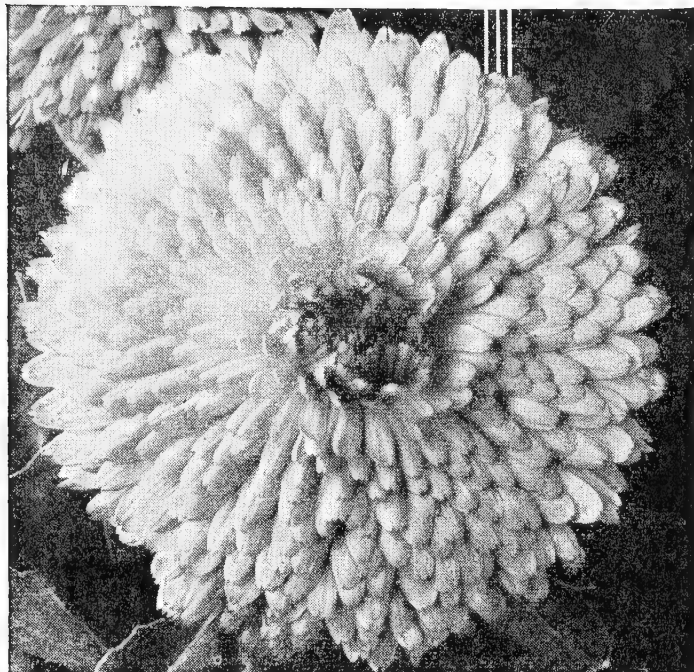


ASTER, PRINCESS MARSHA



BALSAM

# ANNUAL AND PERENNIAL FLOWER SEEDS



CALENDULA, CAMPFIRE IMPROVED

## CALENDULA, Pot Marigold (a)

The colorful flowers make a wonderful display in the garden and are always admired by those who see them. Blooms freely in early Summer and continues into the Fall. Even though this plant prefers a sunny location and rather dry soil, it does well under widely different conditions, requiring little care to grow to perfection. 18 to 24 inches in height.

**CAMPFIRE IMPROVED.** A very deep strong orange with distinct scarlet sheen on upper side of each petal. Blooms flat across top and measures 4 inches in diameter. Plants are strong growing and even in habit. Exceptionally long heavy cutting stems in generous quantity on each plant. Pkt. 15c.

**ORANGE KING.** Rich deep orange red, dark center, continuously grown and selected for over twenty-five years. A fine border specimen and excellent for cutting. Extremely large and most attractive. Pkt. 15c.

**NEW SUNSHINE CALENDULA, CHRYSANTHA.** Gold Medal Winner, All-America Selections 1934. A clear, buttercup yellow in color with loosely arranged petals, incurved at center and reflexed at edges. Flowers mounted on strong, wiry stems a foot in length; excellent for cutting. Pkt. 15c.

**RADIO.** Flowers hemispherical in shape with bristling quilled petals, rich glowing orange. Graceful and attractive. Pkt. 15c.

## CALIFORNIA POPPY (See Eschscholtzia)

## CAMPANULA, Canterbury Bell

**CALYCANTHEMA (b)** (Cup and Caucer). Perhaps the most beautiful type; distinct in form, with large bell or cup-shaped flowers surrounded at the base by a large calyx of similar color, the whole resembling a cup and saucer.

**Finest Mixed.** Pkt. 10c.

**CANTERBURY BELL, MEDIUM.** A biennial. Comes in white, blue and pink shades. Rather tall growing, beautifully formed flowers, single. Blooms second year from seed, or first year from seed sown in fall.

**Finest Mixed.** Pkt. 15c.

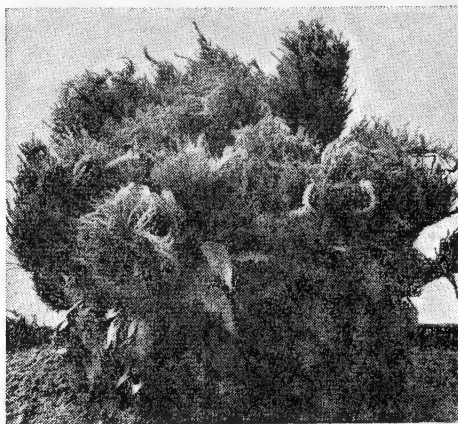
## CASTOR BEAN (See Ricinus)

## CELOSIA, Cockscomb (a)

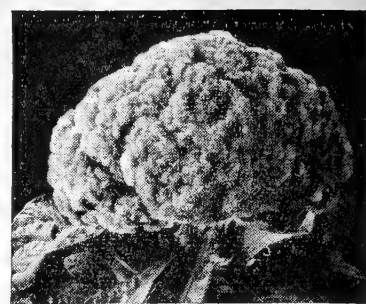
Very attractive and showy, somewhat tender annual, producing massive heads in rich shades of crimson and yellow flowers. Should be started in hot beds and transplanted to rich soil after warm weather comes. Set plants a foot or more apart.

**CRISTATA.** Choice mixed; height, 9 to 18 inches. Pkt. 20c.

**PLUMOSA** (Improved Feather Type). Choice mixed; height, 2 feet. Pkt. 25c.



CELOSIA PLUMOSA



CELOSIA CRISTATA

## CENTAUREA

Particularly well adapted for border planting. The types cultivated for their flowers have bulging calyxes from which many finely cut petals expand. Others have a downy growth on their leaves, making the foliage quite ornamental. All of them are of easy culture from seed.

**CORNFLOWER, JUBILEE GEM.** Silver Medal, All-America Selections 1937. A dwarf variety of Cornflower making a compact plant literally covered with flowers. About 12 inches in height. Easy to grow. Admirable as a border plant. A fine cut flower. It may be sown outside in the autumn for spring flowering, or in the spring for summer flowering. Pkt. 15c.

**CYANUS DOUBLE (a).** (Bachelor Button). This superb class of Cornflowers produces handsome, large double blooms, effective out-of-doors and in bouquets. Height, 2 to 3 feet.

**BLUE BOY.** Pkt. 10c.

**ROSE.** Pkt. 10c.

**Mixed.** Pkt. 10c.

**SWEET SULTAN (a).** These beautiful long stemmed flowers with their soft velvety heads make very enchanting bouquets. They measure 2 to 2½ inches across while the entire plant stands about 2½ to 3 feet tall. You can grow them readily in any fair garden soil, and your friends are sure to admire them.

**Mixed.** Pkt. 10c.

## CARNATION, Dianthus Caryophyllus

Few flowers surpass in beauty of form or delicious fragrance, the richly hued Carnation. The plants are branching but compact, and the handsome blossoms are produced on blue-green stems that are stiff but slender. The double flowers with their thick waxy petals are spicily scented.

**CHABAUD GIANT.** 18 inches. This variety blooms six months after seeding and continues throughout the Summer. The plants, robust and erect, supply handsome, double, clove-scented flowers of extra large size.

**Mixed.** Pkt. 25c.

## CANDYTUFT (a)

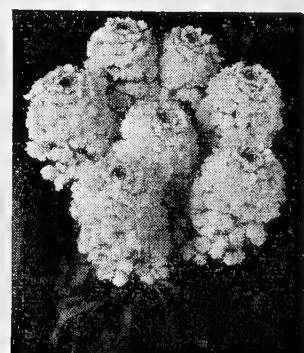
Valuable for masses and edging, and considered indispensable for cutting. Seed sown in April flowers in June; successive sowings should be made at intervals. Hardy and easy to grow, blooming profusely. Height, 1 foot.

**GIANT WHITE HYACINTH FLOWERED.** Very fine for cutting. Pkt. 15c.

**UMBELLATA.** Mixed. Pkt. 15c.



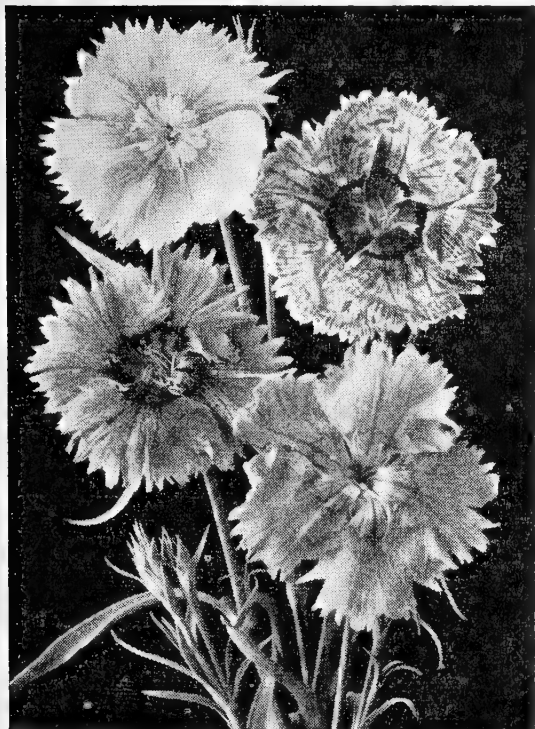
CLARKIA



CANDYTUFT GIANT  
White Hyacinth Flowered



# ANNUAL AND PERENNIAL FLOWER SEEDS



DIANTHUS HEDDEWIGII

## CARDINAL CLIMBER (ac)

Graceful climber with cardinal-scarlet blooms 1 to 1½ inches in diameter. Rich, glossy, dark green foliage. Grows 15 feet tall and is in bloom all Summer.

**IPOMOEA CARDINALIS.** Pkt. 25c.

## CLARKIA (a)

An annual, flowering in July, which should be far more widely known. It is of easy cultivation, graceful in habit of growth, and lends itself as well to bedding as for cutting. Flowers in long racemes which open in water when cut.

**ELEGANS.** Double. Choice mixed. Height, 2 feet. Pkt. 10c.

## COCKSCOMB (See Celosia)

## COLUMBINE (See Aquilegia)

## CORAL BELLS (See Heuchera)

## COREOPSIS (p)

One of our most popular perennials; the attractive flowers are borne in great profusion and are excellent for cutting. Height, 3 feet.

**GRANDIFLORA DOUBLE SUNBURST.** Much of the beauty of early Summer gardens is due to the brilliant golden yellow of Coreopsis plantings. The double flowers are large, 1½ to 2 inches across, deep golden yellow, and are excellent for cutting as well as for garden decoration. Fine keepers; plants are easy to grow. Pkt. 15c.

## CORNFLOWER (See Centaurea)

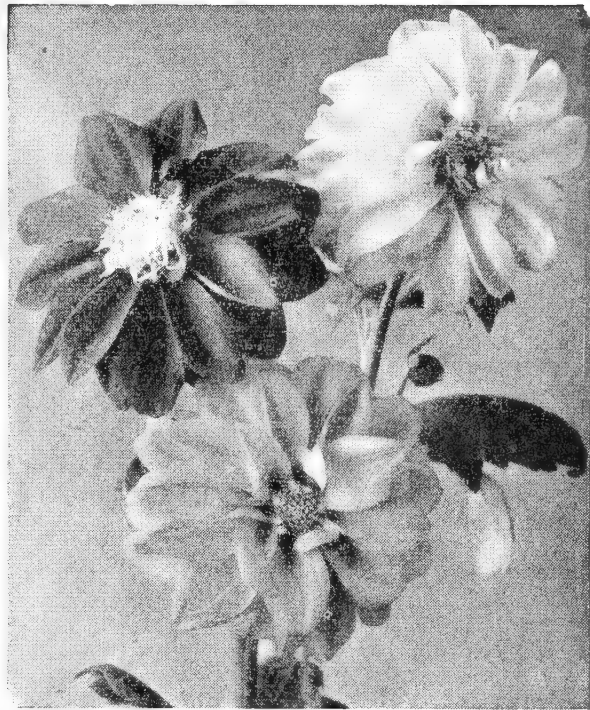
## COSMOS (a)

No garden is complete without Cosmos. These old favorites supply a gorgeous, colorful effect during late Summer and Fall. Fine for cutting as the flowers last well in water. Cosmos are easy to grow.

**YELLOW FLARE.** Bright clear yellow, the new Yellow Flare Cosmos brings a new shade to this family. For many years gardeners have been wishing for a yellow Cosmos and here it is fresh and glowing. Single flowers 2½ in. across produced in great masses on 3-foot plants. Pkt. 20c.

**SENSATION PINKIE.** The finest new development in Cosmos. Flowers very large, as much as 5 inches in diameter, with broad, heavy fluted petals, slightly overlapped. Ideal for cut flowers. Sturdy plants 3 to 4 feet high, producing flowers 8 to 10 weeks from seed. Pkt. 15c.

**SENSATION DAZZLER.** A mammoth type similar to Pinkie but of a dazzling crimson shade. Very startling, true to form, immense in size. Pkt. 15c.



UNWIN'S DWARF HYBRID DAHLIAS

**SENSATION PURITY.** Purity is the glistening white Cosmos in the Sensation type as Pinkie is the delightful rose pink shade. Pkt. 15c.

**SENSATION MIXED.** Pkt. 15c.

**ORANGE RUFFLES.** Semi-double. A worthy and new semi-double Orange Flare type Cosmos. Vivid and intense golden orange, the two or three extra rows of petals lend an airy butterfly-like beauty to the richly colored large blossoms. Free blooming, early flowering. Grows to a height of 3 to 4 feet. Pkt. 15c.

**EARLY DOUBLE CRESTED.** Showy plants, 3 to 4 feet tall, covered with a mass of lovely, large flowers. Our strain produces a large percentage of double blooms.

**Mixed.** Pkt. 15c.

## DAHLIAS (From Seed)

**UNWIN'S DWARF HYBRIDS, IMPROVED.** This is an improved strain of this popular flower. They grow from 18 inches to 2 feet tall and come in many delightful shades. We offer an improved strain which gives you a wider assortment of choicer colors. Produces a high percentage of doubles from seed. Mixed colors. Pkt. 25c.

**COLTNESS DWARF HYBRIDS.** A very dwarf variety for bedding. This strain produces many beautiful pastel shades and a high percentage of single flowers. The finest of the Dahlias for cutting. Growing the miniature Dahlias from seed is becoming a popular garden practice. Mixed colors. Pkt. 25c.

## DIANTHUS, Pinks (a)

A charming class of annual flowers for beds, borders, edgings, and cutting. The dwarf, rather compact plants average 1 foot in height. Of easiest culture, succeeding in ordinary garden loam. Blooms from July until frosts.

**HEDDEWIGII LACINIATUS DOUBLE MIXED.** Superb flowers rivaling the Carnation in size and doubled blossoms. Excellent for bouquets. Pkt. 25c.

**HEDDEWIGII SINGLE MIXED.** Large finely marked flowers having fringed petals. Pkt. 15c.

## DIANTHUS BARBATUS (See Sweet William)

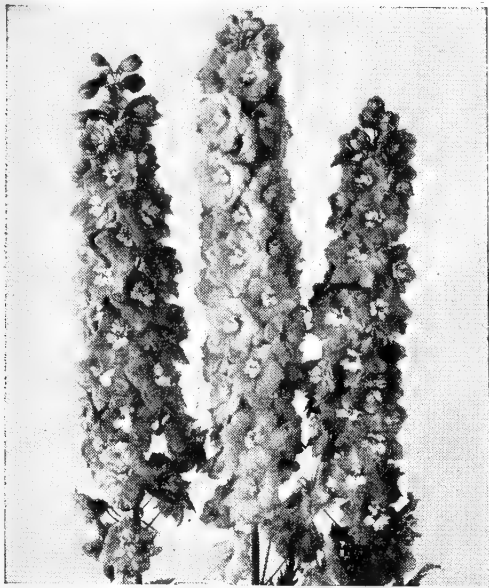
## DIGITALIS, Foxglove (b)

This ornamental hardy plant is used extensively for naturalizing in shrubby borders and along the edges of woods. It grows well under almost all conditions, giving a wealth of bloom during June and July. Height, 4 to 6 feet.

**GLOXINIAEFLORA.** This is an improved strain of the ordinary Foxglove, with handsome spotted Gloxinia-like flowers on long spikes. **Mixed Colors.** Pkt. 15c.



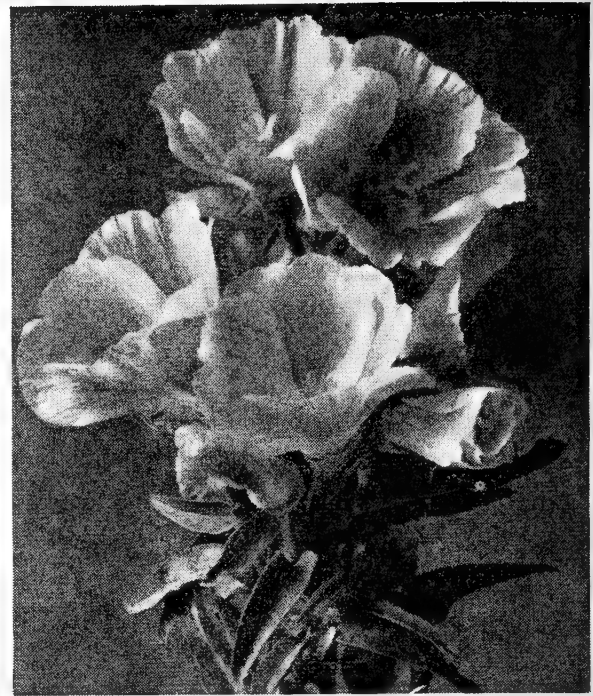
# ANNUAL AND PERENNIAL FLOWER SEEDS



PACIFIC HYBRID DELPHINIUMS



CALIFORNIA POPPY, RAMONA HYBRIDS



GODETIA, SYBIL SHERWOOD

## DELPHINIUM (p)

One of the greatest charms of hardy Larkspurs is in their shades of blue which range from soft rosy lavender to violet and deepest indigo. The dwarfs are valuable in the border while the magnificent tall varieties are stately and beautiful in front of a shrubby background. Above the deeply cut dark green leaves rise long floral spikes. Height, 1 to 8 feet.

**PACIFIC HYBRIDS.** A new strain of Delphiniums originated on the Pacific Coast to grow under Pacific Coast conditions. Huge flowers, 2½ to 3½ inches in diameter, beautifully spaced on well-balanced tall spikes. Highly resistant to mildew. Color range excellent and comes practically 100% double florets. Pkt. 25c.

**BELLADONA.** A delightful shade of silvery blue. Pkt. 15c.

**BELLAMOSUM.** Rich, deep and intense blue. Pkt. 15c.

**BLACKMORE & LANGDON HYBRIDS.** Without question the finest strain of large flowered hybrid Delphiniums. Various shades and color combinations in the individual flowers. Will produce amazingly large flowers and spikes. Pkt. 25c.

## DIMORPHOTHECA, African Golden Daisy (a)

The plants are of branching habit, growing about 15 inches high. An easily cultivated annual.

**AURANTIACA HYBRIDS.** The flowers are equally large, but vary in color from the purest white to yellow, orange and rich salmon shades, many being zoned with several of these colors around the black disk. Pkt. 15c.

**ORANGE IMPROVED.** Pkt. 15c.

## ESCHSCHOLTZIA, California Poppy (a)

The state flower of California and one of the most attractive low growing annuals. The foliage is finely cut, fern-like, and silvery green in color. They start to bloom in a few weeks after the seed is sown. Height, 12 to 18 inches.

**GRANDIFLORA HYBRIDS.** Large flowering varieties in the most exquisite shades of gold, copper, bronze, scarlet, purple and crimson. **Mixed Colors.** Pkt. 10c.

**RAMONA HYBRIDS.** A new strain containing many lovely shades. The plants grow compact and upright, with flowers beautifully frilled. **Mixed Colors.** Pkt. 15c.

**AURANTIACA, ORANGE.** The ordinary California poppy. Pkt. 10c.

## FLAX (See Linum)

### FOUR O'CLOCK, Marvel of Peru (a)

A favorite showy annual for beds and borders. Excellent for planting in front of the porch or alongside the house. The plants bloom freely from July until frost.

**Tall, Mixed.** 2 feet tall, in many fine colors. Pkt. 10c.

## FOXGLOVE (See Digitalis)

### GAILLARDIA, Blanket Flower

**SINGLE MIXED (a).** Large daisy-like blossoms of yellow and bronze with central cones of yellow. Pkt. 10c.

**DOUBLE MIXED (a).** Globular heads of tubular florets in shades of sulphur, orange, and claret. Pkt. 15c.

**GRANDIFLORA PORTOLA HYBRIDS (p).** Semi-double blooms of magnificent size and broad overlapping petals, golden tipped around glowing centers of bronzy red. Pkt. 15c.

**DAZZLER.** Large, well formed flowers, very vivid in the garden as the name implies. Golden yellow and maroon red. Striking perennial. Pkt. 15c.

## GEUM, Avens (p)

Beautiful hardy perennials, bearing profusely large, showy, double, dark crimson flowers all through the Summer. An elegant flower for bouquets. Height, 18 inches.

**LADY STRATHEDEN.** A new golden yellow with large full flowers of great beauty. Pkt. 15c.

**MRS. BRADSHAW.** Large, double, brilliant orange-scarlet. In flower throughout the entire summer. Pkt. 15c.

## GODETIA, Satinflower (a)

Very handsome annual plants especially suited for semi-shady locations. Sow in Spring in the open and thin to 8 or 10 inches apart. The flowers are bright and colorful and the single sorts are not unlike the Azalea in form.

**TALL DOUBLE.** Long graceful spikes are decorated with double blossoms resembling satin pompons one above another. Height, 2 feet. **Choice Mixed Colors.** Pkt. 15c.

## ORNAMENTAL GOURDS (ac)

Ornamental Gourds are easily grown in rich soil, where they will produce plenty of fruits. They may be trained on trellises and the ripened fruits used for ornaments.

**Large and Small Sorts Mixed.** Pkt. 10c.

# ANNUAL AND PERENNIAL FLOWER SEEDS

## GYPSOPHILA, Baby's Breath

**ELEGANS GRANDIFLORA** (a). London Market Improved. An improved annual strain with single large pure white flowers. Sow at intervals for a supply of flowers throughout the Summer. Height, 2 feet. Pkt. 10c.

**PANICULATA WHITE** (p). Hardy perennial with sprays of tiny rose-shaped blooms. If cut before the flowers are fully opened, sprays can be used in winter bouquets. Height, 3 feet. Pkt. 15c.

**DOUBLE WHITE** (p). Each flower double, pure white. Excellent for dry bouquets if cut and treated like the single variety. Good cut flower. Pkt. 25c.

## HELIANTHUS, Sunflower (a)

**SUN GOLD, Double Sunflower.** Dramatic and striking in beauty. All double in a brilliant golden yellow color. Blooms 4 to 5 inches in diameter, are a delight in a background planting in full sun where they will produce a vivid splash of color in mid-summer. Plants reach a height of 4 to 5 feet depending upon soil and climate. Very free flowering. Pkt. 15c.

## HELICHRYSUM, Straw Flower (a)

The finest of all Everlastings. They make unusually fine Winter bouquets if cut when partially opened and dried slowly in a cool place, heads downward to keep the long stems straight. The centers of the double pompon-like flowers are nearly covered by the stiff overlapping petals. A wide range of brilliant and soft colors. Height, 2 to 3 feet.

**Finest Mixed.** Pkt. 15c.

## HEUCHERA, Coral Bells

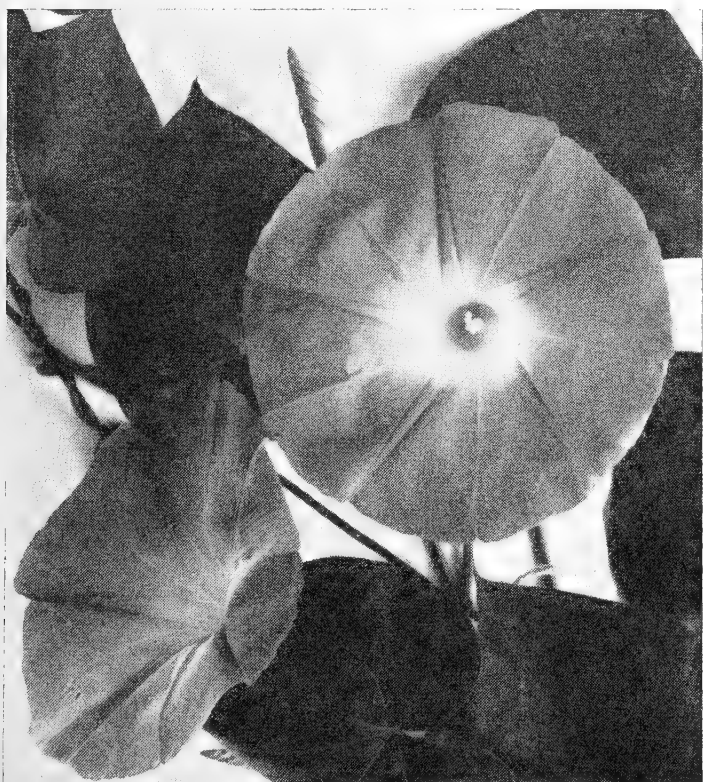
A perennial growing 1½ to 2 feet. We offer a new strain of Coral Bells in a rich scarlet hue. Bell shaped blooms on slender spikes 12 to 18 inches long. Blooms from June to September. Fine for borders, rock gardens and for cutting. Best if left undisturbed in a secluded area of the garden. Spreads rapidly but never a pest. Pkt. 35c.

## HOLLYHOCK, Althaea (p)

The beautiful color effects produced by the planting of these flowers, render them indispensable for the old-fashioned garden or the herbaceous border. Height, 6 to 12 feet.

**INDIAN SPRING.** Silver Medal, All-America Selections, 1939. Semi and double flowers of bright rose and rosy carmine. Its many flowered branches produce a continuous show until frost. Flowers first year from seed. Pkt. 15c.

**DOUBLE TRIUMPH MIXED.** Beautifully fringed rosette flowers in many new shades and bi-color combinations. Pkt. 15c.



IPOMOEA, CLARK'S HEAVENLY BLUE

## IBERIS (See Candytuft)

## ICELAND POPPY (See Poppy Nudicaule)

## IPOMOEA, Morning Glory (ac)

**SCARLETT O'HARA.** Gold Medal, All-America Selections 1939. An entirely new color in the popular Morning Glories—rich dark wine red or deep rosy crimson. Flowers 4 inches in diameter, freely produced on fast growing vines. The dark green foliage does not make a heavy growth, leaving plants graceful in appearance. Pkt. 15c.

**PEARLY GATES.** Silver Medal, All-America Selection 1942. A big, satiny white morning glory with a creamy shading in the throat. Early blooming climber, literally covered with lovely flowers. Company to Clark's Early Heavenly Blue. Pkt. 25c.

**MOONFLOWER HEAVENLY BLUE.** Similar in color to Clark's Early Heavenly Blue Morning Glory but instead of blooming in the morning it opens in the late afternoon. An exquisite shade of light-blue, large blossoms, profuse blooming. Pkt. 15c.

**CLARK'S EARLY HEAVENLY BLUE.** A variety that is bringing new popularity to Morning Glories. It is an early blooming climber, literally covered with lovely flowers of sky-blue. Flowers 2½ inches across and blooms until frost. Pkt. 10c.

**MIXED IMPERIAL.** These are beyond question the handsomest of all Morning Glories. The flowers are of gigantic size and their colorings beyond description. Pkt. 15c.

## LARKSPUR (a)

Annual Delphiniums are adorned with finely cut, feathery foliage which set off to advantage the handsome long floral spikes of double blossoms. The colors range from pure white through soft shades of lavender and pink to deep blue.

**GIANT IMPERIAL.** Tall, upright, compact, basal branching in habit, the Giant Imperials have superseded all other types of Larkspurs for general garden use. Their delphinium-like spikes of double florets are carried on stout stems 4 to 5 feet.

**WHITE KING.** Special Mention, All-America Selections, 1937. The flowers are a pure, glistening white, with extremely large double florets, sometimes measuring 2 inches across, evenly spaced on the stem. Early, the finest Larkspur. Pkt. 15c.

**BLUE SPIRE.** Very deep violet blue. Outstanding blue. Pkt. 15c.

**PINK PERFECTION.** The 2-inch florets of rounded broad petals are evenly and closely spaced on the stem, giving a very heavy Hollyhock-like cutting spike 24 inches or more in length. Color is a very luscious shade of lively light pink. Pkt. 15c.

**Finest Mixed.** Pkt. 15c.



GIANT IMPERIAL LARKSPUR

# ANNUAL AND PERENNIAL FLOWER SEEDS

## LINARIA, Miniature Snapdragon (a)

This interesting species bears flowers which resemble miniature Snapdragons ending in single elongated spurs. It includes both trailing and erect growing varieties which are little known but worthy of greater attention. Height, 8 to 18 inches.

**MAROCCANA MIXED.** This is an erect sort with finely cut foliage and with blossoms clustered on upright spikes. The colors which are varied embrace many shades of crimson, orange, and blue. The plant is in flower within two months. Pkt. 15c.

## LINUM, Flax (a)

**GRANDIFLORUM RUBRUM.** An old favorite with large, rich crimson blooms borne profusely on plants growing 18 to 24 inches tall. Though the flowers last only one day, new ones appear every morning. Pkt. 10c.

**PERENNIAL BLUE.** A beautiful shade of Blue Linum (Flax), grows to 2½ feet. Fine for borders. Thrifty grower, adapts itself to most any type of soil. Pkt. 20c.

## LOBELIA (a)

A dainty and continuous blooming annual of compact growth, remarkable for its profusion of beautiful blue flowers. Unexcelled for edging, ribbon beds, hanging baskets or window boxes. Height, about 6 inches.

**COMPACTA, CRYSTAL PALACE.** Erect and very free blooming. Best dark blue for edging. Fine for pots. Pkt. 15c.

**HYBRIDA PENDULA SAPPHIRE.** A trailing annual useful in pots and flower boxes where it can trail over the edge and display its beautiful deep blue, white-eyed flowers. Pkt. 15c.

## LUPIN, Sun Dials

Thrive in almost any situation. Sow where they are to bloom in May, and as plants grow, thin out to 1 foot apart.

**RUSSELL LUPINS.** Long, closely furnished spikes flower in a great variety of rich colors—deep yellows, oranges, reds, and brilliant bi-colors never seen in Lupins before. The florets are large with a flat fan-like back-standards, and unlike all other Lupins, most of the spikes retain their florets throughout the whole period of development. Awarded the Royal Horticultural Society's Gold Medal, June, 1937. Pkt. 25c.

## MARIGOLD (a)

Late in the season when many other growing things are past their prime, these plants supply an abundance of decorative blossoms. Their tones of orange and yellow blend well when the flowers are arranged loosely in bowls and vases. The bright green foliage is finely cut, and the stems are stout. Tall Marigolds give charm to the border, while the dwarfs are valuable for bedding and edging plants.

**SCARLET GLOW, Dwarf French Double Marigold.** Grows to a height of 12 inches, bearing a profusion of mahogany red blossoms turning to orange scarlet. Very attractive as a border specimen. You'll enjoy this colorful Marigold as it is covered with colorful blooms from the start of the season until frost. As in the case of all flowers, Scarlet Glow will bear through the entire season if you'll keep the faded blooms picked. Pkt. 15c.

**SPRY.** The most profuse blooming of all Marigolds. Extremely dwarf and compact, their maximum height being 9 inches and their spread 15 inches. Flowers are composed of a pincushion crest. Center bright, clear yellow and guard petals are a lovely contrasting mahogany-red. Pkt. 15c.

a, annual; b, biennial; c, climber; p, perennial; ra, rock plant annual; rp, rock plant perennial.

**MINIATURE, YELLOW PYGMY.** Honorable Mention. All-America Selections, 1940. Light lemon yellow. Lilliput French double type, growing only 8 inches tall and compact. Small, 1¼ inches, blooms rather free. Excellent for edging and potting. Pkt. 15c.

**GIGANTEA, FULL DOUBLE MIXTURE.** Very showy, fragrant, and of exceptional size. Flowers are largest ever known in Marigold group, averaging 5 to 7½ inches. A mixture ranging from deep orange through golden orange, deep golden yellow, light yellow, lemon yellow, and a delightful new shade of primrose. Pkt. 15c.

**AFRICAN TALL DOUBLE** (*Tagetes erecta*). Very large globular flowers composed of compact tubular or quilled petals. The stems should be cut carefully to avoid the somewhat disagreeable odor when bruised. Grows 2½ feet tall. Comes in two shades; orange and yellow. Please specify which color or if mixed colors are desired. Pkt. 15c.

**Mixed Colors.** Orange and yellow. Pkt. 10c.

**HARMONY HYBRIDS (All-double).** An improved Harmony type. Wide and varied range of striking color combinations embracing mahogany, orange and yellow. Flowers 1¾ inches in diameter with crested center and flanking guard petals. Very early and 100 per cent double. This is an exceptional improvement in medium-dwarf French type marigolds. Pkt. 20c.

**DWARF FRENCH, DOUBLE, MONARCH STRAIN.** Award of Merit, All-America Selections, 1934. An excellent variety for low borders. A very compact type, with large double flowers, in a wide range of colors, in combination of orange, bronze, yellow and mahogany.

**Finest Mixed.** Pkt. 15c.

## MARVEL OF PERU (See Four-o'clock)

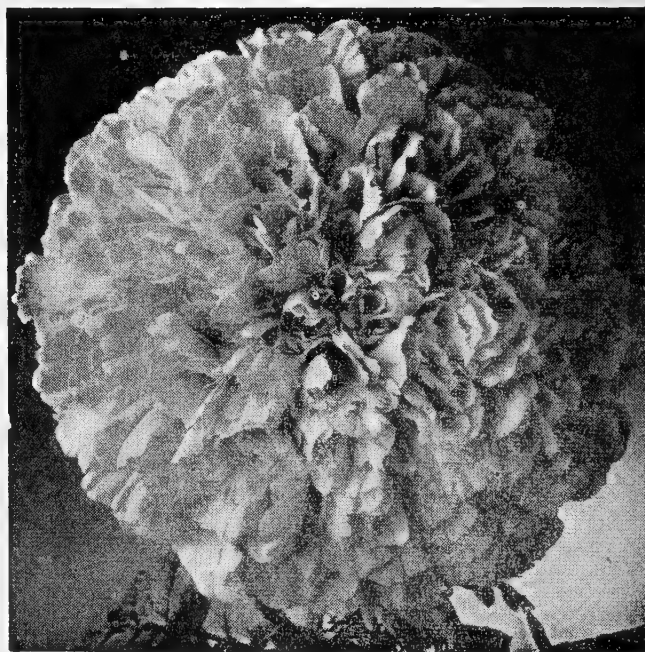
## MORNING GLORY (See Ipomoea)

## MOSS ROSE (See Portulaca)

## NEMESIA (ra)

This plant is excellent for edging purposes. Plants send up many slender stalks crowned with fairy-like flowers, something like the *Schizanthus*. When the flowers fade they may be trimmed back and will bloom again. Their colors run from the brightest reds, yellows, oranges, to the brightest blues and purples. Height, 6 to 12 inches.

**COMPACTA TRIUMPH, FINEST MIXED COLORS.** Pkt. 25c.



MARIGOLD, GIGANTEA



# ANNUAL AND PERENNIAL FLOWER SEEDS

## NICOTIANA, Flowering Tobacco (a)

Stately plants producing large, trumpet shaped, blooms until frost. Fine for beds and borders. Height, 2 to 5 feet.

**AFFINIS HYBRIDS, MIXED COLORS.** Pkt. 15c.

## NIEREMBERGIA HIPPOMANICA (ra)

**NIEREMBERGIA, PURPLE ROBE.** Bronze Medal, A. A. S. 1942.

Nierembergia, Purple Robe, a very fine deep violet-purple shade, which maintains its deep color even in full sun and does not fade in the hottest climate. The plant is a neat compact extremely free-flowering one; is only 6 inches tall, with a mature spread of some 10 to 12 inches. A half-hardy perennial, Purple Robe blooms the first year from seed, but must be sown early indoors, for it takes 15 weeks from seeding to flowers. Pkt. 25c.

## NASTURTIIUM (a)

**GOLDEN GLEAM.** Plant forms a vigorous large bush which throws out short runners, averaging 18 inches. The sweet scented, large double flowers are golden yellow and average 2 to 3 inches across. Pkt. 15c.

**SCARLET GLEAM.** A sister of Golden Gleam. Its semi-double blossoms are similar in size and shape to those of the popular golden Nasturtium. Rich, dazzling scarlet. Sweet scented. Fine for cutting. Pkt. 15c.

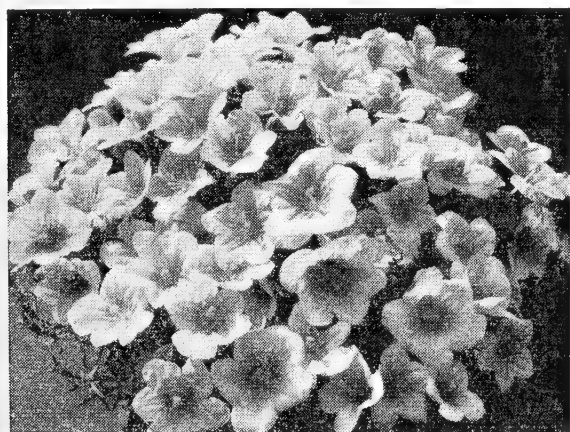
**GLORIOUS GLEAM HYBRIDS.** Award of Merit, All-America Selections, 1935. Delightfully sweet scented; double. Color range includes brilliant blend of salmon, golden yellow, orange scarlet, cerise, cream, orange, maroon and crimson shades, and many spotted varieties.

**Mixed Colors.** Pkt. 15c.

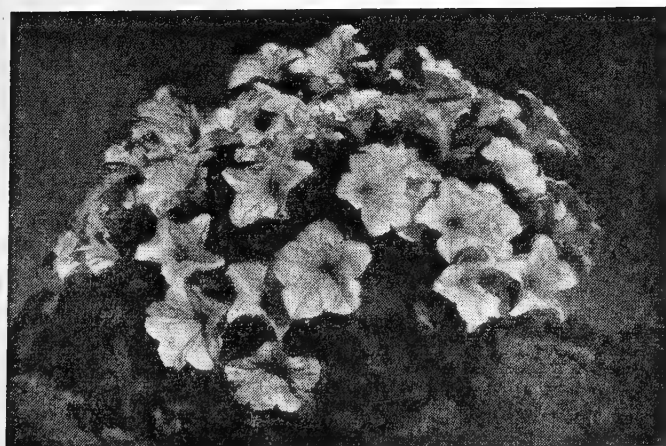
**DWARF DOUBLE GOLDEN GLOBE.** Award of Merit, All-America Selections, 1936. Vivid golden yellow, identical in color to Golden Gleam. Plants uniformly dwarf and compact, and bear great quantities of semi-double sweet scented flowers. Excellent for edging and window boxes. Pkt. 15c.

**DWARF DOUBLE GEM MIXTURE.** Novelty introduction, 1935. An evenly balanced range of colors on dwarf, compact gem-like plants. Ideal annual for border and edging use. Plants are dwarf and compact, totally without runners.

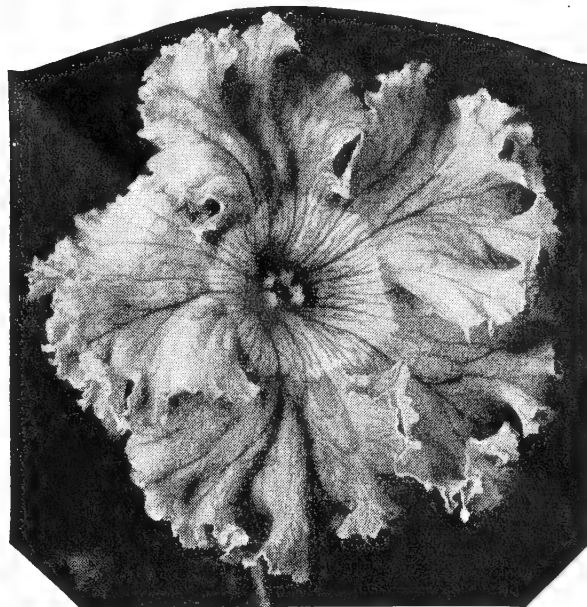
**Mixed Colors.** Pkt. 20c.



NIEREMBERGIA HIPPOMANICA



DWARF BEDDING, CREAM STAR



PETUNIA THEODOSIA

**TALL OR CLIMBING NASTURTIIUMS.** For covering trellises, fences, arbors, piazzas, trailing from vases, over rock-work, etc., nothing can equal their great quantities of bloom from early Summer until frost. The seed pods can be gathered while green and tender for picking. Height, 8 to 10 feet.

**Finest Mixed.** Pkt. 15c.

## PETUNIA (a)

The seed may be started indoors early in the year in seed boxes and later transplanted or sown out of doors in the Spring. Cover very lightly and apply water with a fine spray. Be careful not to discard the smaller and weaker seedlings. From these the finest flowers are often obtained, the coarse growing plants frequently reverting to the common types.

**CREAM STAR.** Silver Medal, All-America Selections, 1940. Flowers shaped like a five-pointed star; soft creamy white, deepening towards the throat to a bright golden yellow. The compact habit of the plants makes Cream Star Petunia ideally suited for low beds. Plants bloom about 20 weeks after seed is sown. Pkt. 25c.

**PETUNIA HYBRIDA NANA ERECTA.** 1 foot. A fine type of petunia for small beds and borders; often used for pot culture. This petunia type holds its habit very well during the entire blooming season.

**ROSY MORN.** Soft rose-carmine-pink with a white throat. Dwarf growing and a luxuriant bloomer. Pkt. 35c.

**HEAVENLY BLUE (Silvery Blue).** Enchanting shade of light silvery blue. Mixes well with either Cream Star or Rosy Morn. Pkt. 35c.

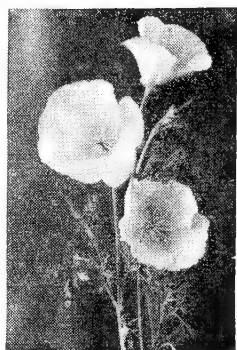


NASTURTIIUM, GLORIOUS GLEAM HYBRIDS

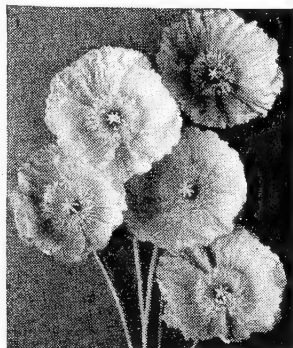
# ANNUAL AND PERENNIAL FLOWER SEEDS



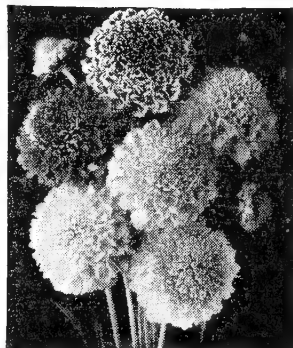
PETUNIA, ELK'S PRIDE



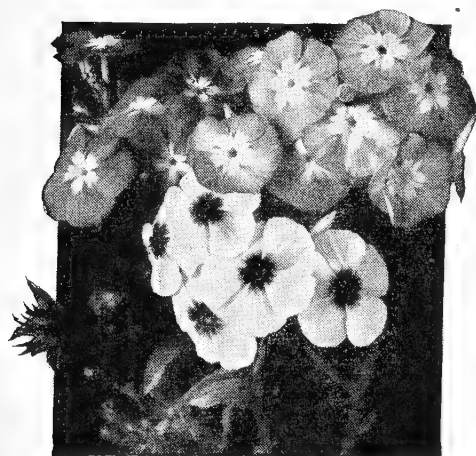
CALIFORNIA POPPY



ICELAND POPPY



SCABIOSA GIANT



GIGANTEA PHLOX

## PETUNIAS (Continued)

**MIXED HYBRIDS.** A very decorative show may be had by sowing these mixtures. All colors combine to make a very fine Display. Pkt. 25c.

**FLAMING VELVET.** This is a very large grandiflora single type with plain edge identical to the erecta type hybrids. The color is luscious velvety blood red. Flaming Velvet is one of the most satisfactory petunias both for vigorous growth and beauty of color. Pkt. 35c.

### SINGLE BALCONY PETUNIAS

A splendid large and free-flowering type for window boxes, vases, hanging baskets, etc. The flowers average 3 inches.

**DEEP BLUE.** Certificate of Honor, Royal Horticultural Society, 1935. Pkt. 25c.

**ROSE.** Rich fiery rose. Pkt. 25c.

**WHITE.** Award of Merit, Royal Horticultural Society, 1935. Pkt. 25c.

**Mixed Colors.** Pkt. 20c.

### GRANDIFLORA SINGLE FRINGED

**THEODOSIA.** Soft rosy pink with contrasting veined golden yellow throat. An outstanding variety in this class. Pkt. 35c.

**ELK'S PRIDE.** This is by far the finest, largest, darkest, and best velvety purple in the single fringed group of petunias. Pkt. 35c.

### RUFFLED GIANTS OF CALIFORNIA

**GLAMOUR.** Glamorously lovely, this outstanding Petunia is a number one favorite with all who have seen it. A luscious shade of salmon rose, delicately veined brown in creamy open shallow throat, the five to six inch blooms have satiny petals heavily ruffled and unusually dainty. Plants develop to 2 to 2½ ft. A new color in this type of Petunia. Pkt. 50c.

**SUPREME STRAIN.** A new strain of rose and pink shades, light, richly-veined throats surrounded by satiny petals which are heavily ruffled. Large blooms, 5 to 7 inches in diameter, produced on strong, richly-foliaged plants. Excellent bedding variety; fine window box type. Pkt. 50c.

## PANSY, Heart's Ease (b)

When the bright hues of the Tulips and Daffodils have faded, the rich, deep and varied shades of the Pansies provide a welcome change in the flower beds. The varieties listed produce large blooms of good substance, regular markings, and full rich coloring. Low growing.

**MONARCH SWISS GIANT.** Within the last few years the blossoms of this strain have been remarkably improved in every way. The plants are compact in habit and they produce immense circular flowers for a long blooming season.

**Finest Mixed.** Pkt. 50c.

**STEELE'S MASTODON.** A vigorous Oregon type, particularly desirable for cutting as the plants are taller and have longer stems. Esteemed for bedding. A fine blend for bright effects.

**Finest Mixed.** Pkt. 50c.

**POPULAR BEDDING MIXTURE.** These are the popular saucy-faced beauties that everybody loves, comprising the finest in all colors. Pkt. 25c.

## PAPAVER (See Poppy)

## PHLOX DRUMMONDI (a)

A valuable and showy annual highly esteemed for bedding, for massing and for borders. The plants grow about 1 foot high, thrive in practically any soil if given a sunny location and bloom the entire season. Seed may be started in boxes and transplanted or sown in the open in Spring.

**GIGANTEA, RED GLORY.** Here is the brightest color that we have ever seen in phlox. The color is a brilliant red with a large creamy white eye which seems to intensify the red into an unbelievable sharpness. Florets often as large as a half dollar. Pkt. 25c.

**GIGANTEA MIXED.** A new strain of annual Phlox with single florets as large as an inch and one-half in diameter. The colors are soft pastel shades, such as apple blossom pink, salmon, light blue, pale violet, etc. Pkt. 15c.

## PORTULACA, Moss Rose (ra)

Brilliant hardy annual, of easy culture; excellent for massing in beds, edging or rock work, thriving best in a light, sandy soil and a sunny situation. Flowers of the brightest colors. Height, 6 to 10 inches.

**DOUBLE MIXED.** Pkt. 25c.

**SINGLE MIXED.** Pkt. 25c.

## PINKS (See Dianthus)

## POPPY, Papaver

Annual Poppies should be sown as early as possible in the Spring where they are to remain as they do not transplant readily. Mix the seed with builders' sand, using about 25 times as much sand as seed, then broadcast seed on surface of the ground and firm well. Plants should be thinned out to 6 inches apart for best results. Seed may be sown in rows also and in succession up to the middle of May.

**ALL-DOUBLE MIXED.** Improved strain of all-double Begonia-type flowers. Range of colors from light pink to dark crimson with fair sprinkling of Picotee types in scarlet and vermilion shades. One of the most excellent flowers for mid-summer bloomers and for cutting. Pkt. 15c.

**SINGLE MIXED.** A superb blend of this beautiful type of Poppy ranging in color from pure white through tones of salmon, pink, and rose to brightest carmine-red. Pkt. 15c.

**NUDICAULE (p) (Iceland Poppy).** A hardy Poppy slightly resembling the Shirley. Somewhat different in habit and contains many shades of yellow and orange. Height, 18 inches.

**IMPERIAL JEWELS, MIXED.** The finest strain of mixed colors in Iceland Poppies. The colors are well balanced. Large flowers grow on strong stems from 2 to 3 feet high. Pkt. 35c.



# ANNUAL AND PERENNIAL FLOWER SEEDS

## **PYRETHRUM, Painted Daisy (p)**

This plant is cousin to the Chrysanthemum and Matricaria and should play an important part in many a well planned garden. Height, 1 to 2 feet.

**SINGLE MIXED.** Radiating petals in many tones of rose and red about a golden center. Pkt. 20c.

## **RICINUS, Castor Bean (a)**

Magnificent, tall, large-leaved plants of tropical appearance, succeeding in a warm, sunny location. Beautiful for large foliage groups and background. Height, 10 to 12 feet.

**MIXED VARIETIES.** Pkt. 10c.

## **SALPIGLOSSIS, Painted Tongue (a)**

For delicate grace, richness of coloring, and velvety texture, the regal Salpiglossis has practically no equal. From a low base of leaves rise slender wiry stalks which bear one or more large Lily-like flowers in a magnificent range of colors. Height, 1 to 2½ feet.

**SUPERB MIXED.** Pkt. 15c.

## **SALVIA**

**BONFIRE.** This variety grows about 2 feet tall and produces scarlet red blossoms from late summer to frost. The brilliant flower spikes are very attractive, growing very erect and globular. Pkt. 25c.

## **SCABIOSA, Pincushion Flower (a)**

These beautiful hardy annuals are in great demand. They grow about 2½ feet high and bloom from early in July without interruption until cut down by the frost. As a flower for cutting they are very popular. Seeds should be sown any time in the Spring after danger of frost is past.

**SALMON BEAUTY.** Pure salmon with huge flowers. Vigorous. The stems are long and stiff, making it a most popular flower for the garden or for cutting. Pkt. 15c.

**IMPERIAL GIANTS, BLUE MOON.** Honorable Mention, All-America Selections, 1939. An entirely different and improved flower and plant from the existing Scabiosa varieties. Fully double extremely large and deep. Petals broad, heavy, and wavy, entirely eliminating the pincushion center, rich deep lavender blue. Tall growing and very upright. Pkt. 15c.

**GIANT HYBRIDS, MIXED.** Pkt. 15c.

## **HARDY PERENNIAL VARIETIES**

**CAUCASICA.** Giant Hybrids (Isaac House Strain). Fringed and ruffled, shades of blue from lavender to dark blue; very large flowers. Pkt. 25c.

## **SCHIZANTHUS, Butterfly Flower (a)**

One of our finest hardy annuals. Of easy culture in any good garden soil. Showy flowers of various colors, closely resembling some species of Orchids. Also useful as pot plants for late Winter and Spring; for this purpose sow in Autumn.

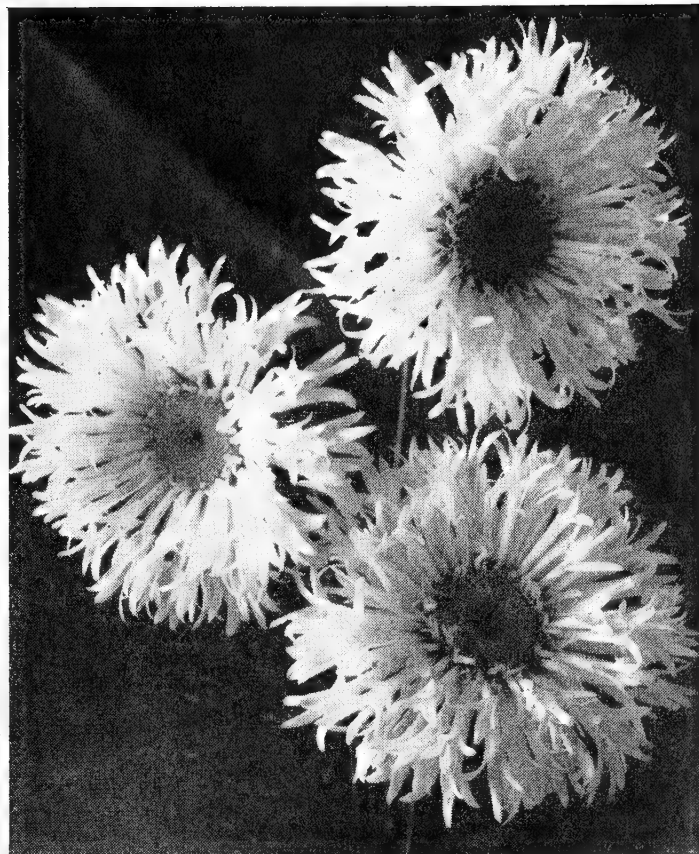
**BUTTERFLY MIXTURE.** Fine bright mixture, free flowering, compact pyramidal plants, 12 to 15 inches. Pkt. 25c.

## **SHASTA DAISY, Chrysanthemum Maximum (p)**

It is a hardy plant bearing large white, single blooms with handsome yellow centers. They are valuable for border decoration and especially pleasing in bouquets.

**DIENER'S DOUBLE.** A new Shasta Daisy of delicate double form. Diener's Double Shasta Daisy is of exquisite form, a strong grower and a welcome addition to this branch of the flower family. Pkt. 25c.

**ALASKA.** Pure white, extra large flowers. Excellent for cutting. Height, 2 feet. Pkt. 15c.



SHASTA DAISY, DIENER'S DOUBLE

## **STOCKS, Gilliflower (a)**

These popular flowers are easily grown, are so highly fragrant, and of such great beauty that they deserve a place in every garden. The Early Giant Imperial class are half-hardy annuals.

**DWARF TEN WEEKS.** This early class forms dwarf compact plants that are excellent for edging or low beds. They often do well in sections where plants of the later types cannot be grown. 12 inches tall. Mixed colors. Pkt. 15c.

**GIANT IMPERIAL.** Long stems and imposing spikes of large flowers make this the outstanding variety. It is about as early as Beauty of Nice and resembles it in habit, except that the plant is less spreading and taller. Height, 2 feet.

**Finest Mixed Colors.** Pkt. 10c.

**SNAPDRAGON** (See Antirrhinum)

**STRAWFLOWER** (See Helichrysum)

**SUNFLOWER** (See Helianthus)

**SWEET SULTAN** (See Centaurea)

## **SWEET WILLIAM, Dianthus Barbatus (b)**

A well known, attractive, free-flowering hardy biennial, producing a splendid effect in beds and borders with their rich and varied flowers. Height, 10 to 20 inches.

**NEWPORT PINK.** Watermelon pink or salmony rose color. Very beautiful. Pkt. 15c.

**Single Varieties, Mixed.** Pkt. 15c.

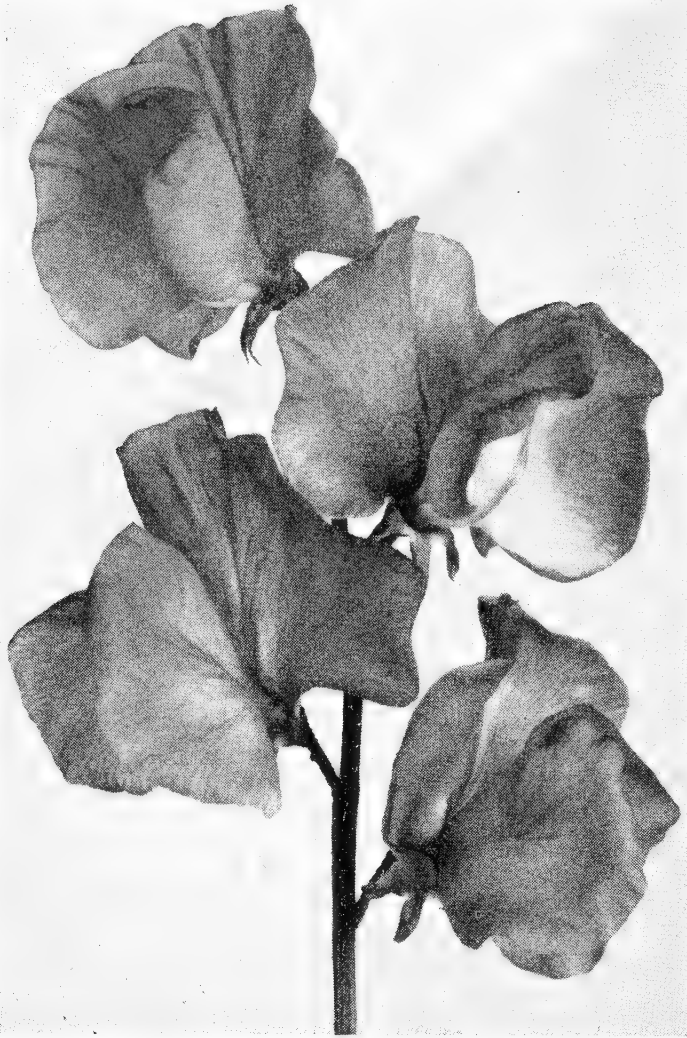
**Double Varieties, Mixed.** Pkt. 25c.

## **TITHONIA**

**TITHONIA (Golden Flower of the Incas).** Sometimes called Mexican Sunflower. We offer only the Speciosa Early Flowering strain. Color orange vermillion, large single flowers, strong heavy growth, attractive late summer and fall bloomer. Pkt. 15c.



# SWEET PEAS



## CULTURE OF SWEET PEAS

**CULTURE**—First and most important, plant as early in the spring as the conditions will permit. Seeds should be sown at the rate of one ounce to 15 feet. Make a trench about 3 or 4 inches deep, planting seeds in the bottom about 2 inches deep, pressing the soil firmly. After the plants are well up, thin to 4 or 5 inches apart and draw the soil around them until the trench is filled above the level. This gives a depth to the roots, preserving the moisture. Keep the ground well worked and water if needed, an occasional soaking down being better than a daily sprinkling. Keep the flowers cut close.

**FALL SOWING OF SWEET PEAS**—In warmer climates, fall sowing results in finer blooms, particularly where hot summers prevail and tend to dwarf growth and stunt flowers. You'll enjoy larger blossoms on longer stems through fall planting. In early October, plant in mellow, enriched soil, inoculating the seed with NITRAGIN before planting (see page 31). You may trench if you choose, but trenching is not necessary in warmer climates.

### SPECIAL MIXTURE SPENCER SWEET PEAS

This is our special mixture and is a blend of the most beautiful colors in Spencer Sweet Peas.

Pkt. 15c; oz. 50c.

## GIANT EARLY FLOWERING SPENCERS

**ALL COLORS.** Pkt. 15c; oz. 75c, postpaid.

### PINK AND ROSE SHADES

**PINKIE.** Rose-pink with large and frilled flowers. This variety is seldom affected by weather conditions and first-class blooms can be cut all during its long blossoming period. Silver Medal.

**LULLABY.** Charming shade of light rose pink. A strong grower. Award of Merit. National Sweet Pea Society, 1934.

**YOUTH.** This Sweet Pea can be described as a white ground Picotee but with slightly deeper color on the edges than its predecessor in this group. Strongly perfumed.

**PEGGY ANN.** A late flowering variety of great beauty and distinction. A new and glowing shade of salmon pink. Most bewitching under artificial light. Delightfully perfumed. The stems are very long and stout with four huge blooms to a stem.

### LAVENDER AND BLUE SHADES

**AMBITION.** Rich deep lavender, with a darker shade on the base of the standard and wings when young, lessening as the bloom ages. Gold Medal and Award of Merit.

**POWERSCOURT.** A clear pure lavender. Has been considered the best lavender for a number of years. It is still the most popular. The flowers are very pure in color.

**THE ADMIRAL.** Largest and best navy blue. The color is richer and deeper than Fortune. Award of Merit, Scottish National Sweet Pea Trials. Award of Merit, Royal Horticultural Society.

**CHINESE BLUE.** Chinese Blue is a solid, rich, deep blue without the objectionable fading out on the edges. The stems are long and bear four blooms throughout. Plants are strong and vigorous with a blooming season longer than that of the average Sweet Pea.

### WHITE AND CREAM SHADES

**GIGANTIC.** Pure white flowers of perfect form and of great substance. Normally produces five-flowered stems when grown under ordinary conditions. Black seeded. Award of Merit.

**AVALANCHE.** Immense glistening white flowers. The blooms are very frilled. White seeded.

**WHAT JOY.** Primrose, shading to cream. A charming tone and so far the nearest approach to a true yellow.

### ORANGE AND SALMON SHADES

**GEORGE SHAWYER.** A giant orange pink, the standard showing more orange than the wings. The flowers are perfectly formed and nicely placed. Award of Merit.

**SMILES.** Clear glistening salmon, best describes this exquisite variety. The large flowers are beautifully waved and fluted. Award of Merit.

### CERISE SHADES

**MRS. A. SEARLES.** Salmon-cerise, merging into a soft oriental-red. A remarkable and distinct color. No collection is complete without this beautiful Sweet Pea.

### RED SHADES

**RED BOY.** The very best crimson. It is a first class Sweet Pea for all purposes, especially for general garden culture. Award of Merit.

**WELCOME.** By far the best and most brilliant, dazzling, scarlet Sweet Pea. For exhibition or gardens it is supreme. Absolutely sunproof. Silver Medal, Scottish National Sweet Pea Society.

### RUFFLED VARIETIES

**BONNIE RUFFLES.** A rich delicate salmon-pink on cream. Pkt. 15c.

**RUFFLED BLUE.** A very fine dark blue. Pkt. 15c.

**RUFFLED CRIMSON.** Rich velvety crimson. A beauty. Pkt. 15c.

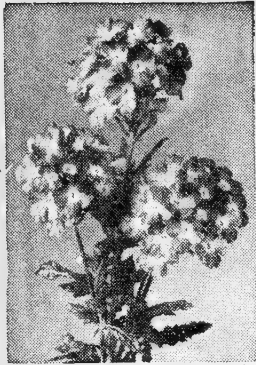
**RUFFLED EXQUISITE.** Salmon cerise. Pkt. 15c.

**RUFFLED WHITE.** Clear white. Pkt. 15c.

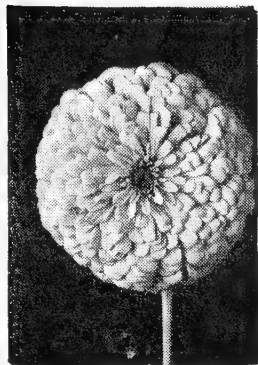
**RUFFLED ROSE.** A very rich rose. Pkt. 15c.

**RUFFLED MIXED.** A blend of the above colors. Pkt. 15c.

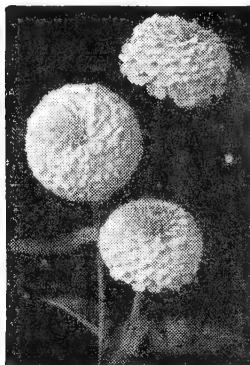
# ANNUAL AND PERENNIAL FLOWER SEEDS



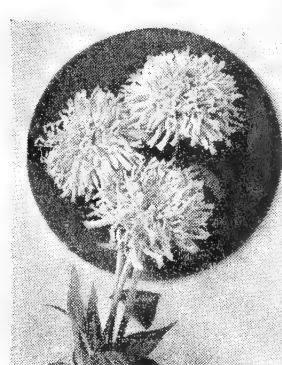
VERBENA



ZINNIA, CALIF. GIANT



ZINNIA LILLIPUT



ZINNIA FANTASY



ZINNIA LINEARIS

## VIOLA, Tufted Pansies (a)

**WALLER FRANKLIN FORMULA MIXTURE.** This blend of bright gay colors far surpasses any mixture of Violas we have seen. Bright shades of self colors of red, yellow, blue, and apricot combined with many shades which are blotched, undoubtedly make these Violas a supreme mixture. Pkt. 25c.

## VIRGINIAN STOCKS, French Forget-me-nots (ra)

Small red, rose and white flowers about  $\frac{3}{4}$  inch across. Fine for edgings. For continuous display until Fall, several successive sowings should be made about two weeks apart. Height, 6 to 8 inches.

**MIXED COLORS.** Pkt. 15c.

## VERBENA (a)

One of the most popular garden annuals for beds and massing and for a gorgeous display during the Summer months cannot be excelled, commencing to flower in July and continuing until frost. Height, 6 to 8 inches.

**SPECTRUM RED.** The brightest Verbena in existence. The huge flowers are an intense bright red having no eye, the color is intensified and its brilliance is quite dazzling. Pkt. 25c.

**FLORADALE BEAUTY.** Special Mention, All-America Selections, 1937. A giant hybrid, the flowers varying from bright rose-pink to deep rose-red of exceptionally brightness. Individual florets of perfect form, fully rounded, and average  $1\frac{1}{4}$  inches across; heads or trusses 4 to 5 inches across. Pkt. 25c.

**HYBRID GRANDIFLORA GIANT, MIXED SHADES.** Pkt. 15c.

## ZINNIA (a)

One of the most satisfactory and showiest of our hardy annuals for beds, mixed borders and for cutting purposes. Easy to grow in any good garden soil. They commence flowering early in the Summer and continue until frost.

**DOUBLE DAHLIA FLOWERED.**  $2\frac{1}{2}$  feet. Enormous double flowers are produced by robust branching plants. The flowers usually have slightly hollowed centers ringed with small tubular florets. The petals are quite loosely placed and tend to curl at the edges, giving the blossoms a crisp, fresh appearance.

**WILL ROGERS.** A recent introduction of very brilliant color and grand form. Lovely, brilliant scarlet-red. You'll like the color. Pkt. 15c.

**CRIMSON MONARCH.** Deep crimson, large flowers. Pkt. 15c.

**DREAM.** Deep rosy lavender. Pkt. 15c.

**EXQUISITE.** Light rose, deep rose centers. Pkt. 15c.

**CANARY BIRD.** Golden yellow. Pkt. 15c.

**ORIOLE.** Orange and gold bicolor. Pkt. 15c.

**POLAR BEAR.** White. Pkt. 15c.

**SCARLET FLAME.** Bright scarlet. Pkt. 15c.

**MIXTURE OF ABOVE.** Pkt. 10c.

**CALIFORNIA GIANT ZINNIAS.** This variety is taller than the dahlia flowered type, growing 3 to 4 feet, with long stems which make the flowers fine for cutting. Blooms are large and flat and very graceful for their size. We recommend California Giants to those who really enjoy zinnias. Improved since their introduction in 1926, they are now exquisitely beautiful in form and color. We offer this sort only in the mixed, believing that the blend of colors will please the most exacting flower lover. Finest shades mixed. Pkt. 15c.

**FANTASY.** A new Zinnia type. Shaggy, medium-sized flowers on plants  $2\frac{1}{2}$  to 3 feet high. Free blooming. Excellent for cut flowers.

**FANTASY WILDFIRE.** A rich, dazzling scarlet. Wildfire adds a distinct note of color and cheerfulness to the garden and will enliven any home when used in flower arrangements. Plant neat in habit, strong growing, and very free blooming;  $2\frac{1}{2}$  to 3 feet in height; coming into flower 45 to 50 days after seed is sown. Pkt. 15c.

**FANTASY ORANGE LADY.** A rich shade of deep bright orange. Medium sized flowers are shaggy and gay in appearance; a colorful spot of color in the garden and extremely desirable for cutting. Pkt. 15c.

**FANTASY STAR DUST.** Silver Medal, All-America Selection, 1937. The lovely golden yellow variety in the popular Fantasy type Zinnias. Informal, shaggy-petaled, medium-sized flowers on plants  $2\frac{1}{2}$  to 3 feet in height; stems of good length for cutting. Pkt. 15c.

**FANTASY MIXED SHADES.** Pkt. 15c.

**LILLIPUT PASTEL MIXTURE.** When we think of flowers for cutting, our minds automatically turn to the pastel shades. In this blend of tiny or baby zinnias are incorporated the very lovely soft shades of apricot, peach, creamy yellow, shell pink, delicate salmon, light rose and orchid which are prime favorites with florists, cut flower growers and those who grow and arrange flowers for the home. Don't fail to include a packet or two of this Lilliput Pastel Mixture with your order. Pkt. 15c.

**LITTLE RED RIDING HOOD.** Of compact form covered the entire season with double scarlet flowers not over an inch across. Grows about 1 foot in height. Highly effective as a border plant. Pkt. 15c.



# Ranunculus

## A DISTINCT ADDITION TO YOUR GARDEN

shades offered are greatly improved and come true to color because the fields are carefully rogued while in bloom. Ranunculus are easy to grow if you follow our cultural instructions supplied with every order.

### RANUNCULUS, Giant Hybrids

We can supply either in straight colors or in mixture. Color selections are Red, Yellow, Golden Yellow, Pink, Orange and White shades. We send you complete cultural instructions with bulbs. Ranunculus are easy to grow and are very satisfactory as a perennial in the South and as an annual in the colder areas of the United States. Postpaid prices as follows: **MIXED COLORS.** Mammoth bulbs, \$1.00 dozen, \$7.50 per 100, postpaid.

## Begonias, Tuberous

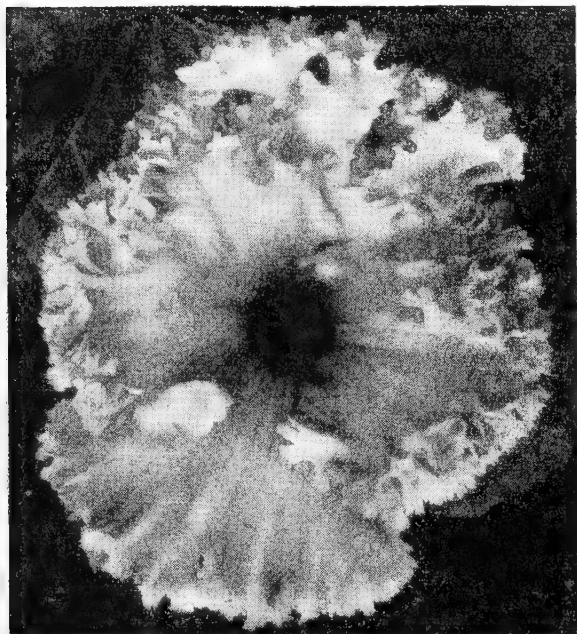
This very beautiful flower is now enjoying well earned and justified popularity. For many years most flower growers believed Begonias to be difficult of culture. Since this impression has passed the amateur flower grower has taken to Begonias with a vengeance. Plant them in the partially shaded spot in your garden. They will give you no end of pleasure from blooms from mid-summer until frost. Grow them as pot plants. Begonias are easy to grow with knowledge of just a few of the essentials of culture. Few flowers present the beauty in your garden that Tuberous Begonias will. We supply you with cultural instructions so that you will be sure to succeed. Be sure to indicate colors and types you desire. Bulbs ready for shipment in January and February.

**GIANT SINGLE.** White, Yellow, Rose, Salmon, Scarlet, Pink.

**GIANT FRILLED.** (Same assortment of colors as above.)

**GIANT CAMELLIA DOUBLE.** (Same assortment of colors as above.)

**Postpaid prices** (large bulbs), each 50c, 3 for \$1.35, dozen \$5.00.



FRILLED TUBEROUS ROOTED BEGONIA

### ● ANEMONE, St. Brigid

Bulbs available in fall and winter months and early spring. Anemone St. Brigid can be grown in practically all parts of the country. In cold sections spring planting is advised. In the South fall planting is desired. They are splendid for growing indoors in pots during the winter. We supply only in mixed colors at \$1.00 dozen, \$7.50 per 100, postpaid.

April 16, 1943.

Gentlemen: Last October I planted Ranunculus that came from you. They were up in a short time. We had several freezes as low as 10 to 15 degrees. I made an attempt at covering them. They withstood the cold and are now a profusion of bloom.

HELEN HALL,  
3411 Swiss Ave.,  
Dallas, Texas.



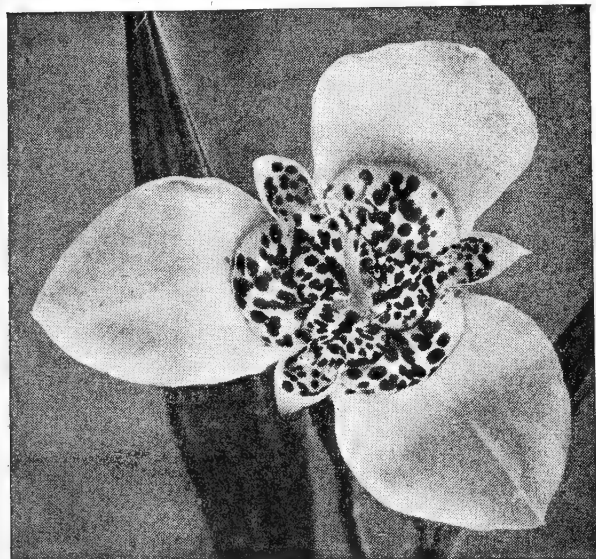
RANUNCULUS



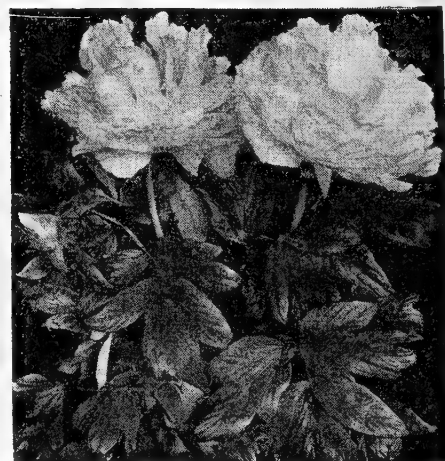
ST. BRIGID ANEMONE

### ● TIGRIDIA

**MEXICAN FLAME FLOWER.** Wilson's improved strain. Tigridia is a species of iris—a half-hardy bulb—whose ancestral home is in Mexico. It is said that a roving botanist discovered the first Tigridia growing on a high plateau in that country about the year 1790. They had become almost extinct, having been dug for food purposes by the Indians of that locality. The gorgeous blossoms bring into the garden something of the splendor of the tropics. Three silken petals, richly colored in various shades of scarlet, rose, yellow, orange or white, surround a curiously spotted cup of contrasting maroon or blood red. Tigridias develop several blossoms from one bulb. Any good garden soil in any part of the country will grow Tigridias. They require plenty of moisture and thrive in a soil well supplied with humus. Bulbs are planted 4 to 6 inches deep after the soil becomes warm. Do not plant too early but wait until the ground is warm. In colder sections dig the bulbs in the fall and store in a dry, cool place for the winter, re-setting again in the spring. Bulbs available in March, April and May. **Jubilee Mixed Tigridias** (Mixed Colors), 3 bulbs 60c, per dozen \$2.25, postpaid.



TIGRIDIA



### ● PEONY ROOTS

(Available in Oct., Nov., Dec.)

**ALBERT CROUSSE.** Fresh salmon-pink delicate color. \$1.25 each, postpaid.

**COURONNE D'OR.** One of the best whites, medium height, large flowers. \$1.25 each, postpaid.

**OFF. RUBRA PLENA.** The old-fashioned very early, brilliant red. Never excelled for brilliancy. \$1.35, postpaid.

**FRAGRANT.** Cherry red of good form and substance. Brightest of the reds. \$1.35, postpaid.



# for Finer Lawns, sow **Monarch**

## TESTED LAWN SEED

**Monarch**  
**VELVETY**  
**LAWN GRASS MIXTURE**

THIS PERFECTLY BLENDED LAWN GRASS MIXTURE WILL GIVE YOU A LAWN YOU CAN MOW IN SIX WEEKS FROM PLANTING. VELVETY LAWN Grass Mixture is a combination of grasses and clover mixed in such proportions as to give you a quick, sturdy and beautiful lawn. The faster growing grasses contained in Velvety Mixture serve as nurse crops for the slower growing varieties which are eventually the dominating grasses of the mixture. We placed Velvety Mixture on the market many years ago and from time to time have improved the blend by reducing some of the proportions and increasing the quantities of better grasses contained in the mixture until now in our IMPROVED VELVETY MIXTURE we have a grass that pleases wherever it is planted. Rate of seeding is 1 lb. to 250 sq. ft. **Price, lb. 90c (by mail \$1.00).**



**Monarch**  
**SHADY**  
**LAWN MIXTURE**

It is difficult to grow a lawn under the shade of trees unless shade-loving grasses are selected. We have made up a mixture of such grasses in combination with White Dutch Clover. This mixture will produce a luxuriant lawn beneath the shade of trees. Our Shady Lawn Mixture will solve that "shade problem" and give you just the turf you have always wished for. Shade-loving grasses dominate this mixture insuring success in your efforts to get grass started under shade trees. Rate of seeding is 1 lb. to 250 sq. ft. **Price, lb. \$1.25 (by mail \$1.35).**

## STRAIGHT LAWN SEEDS

**CREeping RED FESCUE.** This is the lawn grass you'll hear much about as time goes on. Creeping Red Fescue combines the close growing qualities of Bent Grass with the dark green colors of Fescue. The grass blades are very fine texture, and the grass most sturdy and hardy. The finer lawns of the future will be planted to Creeping Red Fescue because of its enduring beauty and ruggedness. Red Fescue is not susceptible to brown patch and fungus diseases that attack Bent Grasses. **Per lb. \$1.60, postpaid.**

**HIGHLAND BENT GRASS.** For the finer lawns use Highland Bent. Particularly adapted to interior regions. **Per lb. \$1.60, postpaid.**

**CHEWING'S FESCUE.** A valuable grass, Especially good in shady places. Produces an upright turf of very fine texture. **Extra Fancy Seed, per lb. \$1.35, postpaid.**

**KENTUCKY BLUE GRASS.** We offer this grass seed in three grades, all of extra fancy quality, recleaned, free of weeds and high in germination. **Extra Fancy Seed, per lb. 90c, postpaid.**

**WHITE DUTCH CLOVER.** Extra fancy seed, free of weeds, of high germination. **Per lb. \$1.35, postpaid.**

## BEWARE of LAWN MOTH (Sod Webworm)

The damage by lawn moth grubs is no doubt the greatest factor in unsuccessful lawns. The adult of this worm is a night flying moth which on warm summer evenings will completely cover the lawn in some districts. These adults deposit eggs in the grass. Here they hatch in a few days into a grub. This grub is a whitish-brown worm with a bright dark brown head. Immediately after the grub emerges from the egg it enters the soil, where it feeds on the roots of the grass; and being possessed of a very large appetite it devours a huge quantity of grass roots daily. An army of these grubs that set to work in a lawn will cause large spots to die out all over it in a very few days.

There has been a tendency in the past to liken this damage to "brown patch" (a well-known grass disease), to lack of water, and, or to insufficient fertilizer, therefore, adding to the damage, fungicides have been applied, fertilizers have been spread on, the lawn reseeded and the grass has been drenched with water to no avail. A simple cure for this devastating grub is **ORTHO EXTRAX**, listed on Page 37. For further data on the control of lawn moth please write us. Free literature will be sent you without cost.

*Weed your lawn  
with*  
**LAWN SINOX**

**Sprayed on your  
lawn in diluted form  
LAWN SINOX destroys**

weeds, including dandelions, crab grass, chickweed, plantains, yarrow moss and many others without permanent injury to the grass. LAWN SINOX has been thoroughly tested and is recommended by leading Agricultural Colleges.

To you who are trying to save your lawn from being over-run by weeds and who have spent countless hours hand-weeding, we recommend LAWN SINOX. The simplicity of application saves many hours of back-bending labor.

**KILLS  
WEEDS  
WITHOUT  
PERMANENT  
INJURY  
TO GRASS!**

**ECONOMICAL To Use**

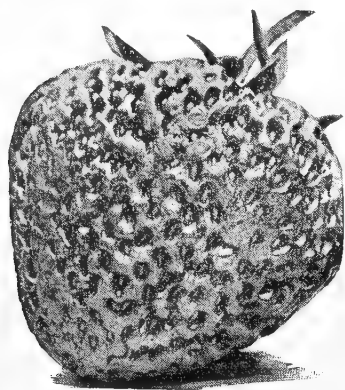
1 pt. (covers 1000 sq. ft.)	\$1.25
1 qt. (covers 2000 sq. ft.)	\$2.00
1 gal. (covers 8000 sq. ft.)	\$5.50

Priced F.O.B.

# MISCELLANEOUS PLANTS

## Strawberries

We offer only inspected plants. This is your insurance against diseased stock.



**NEW GEM.** This is an exceptionally fine improved strain of strawberry; produces exceptionally fine flavored fruit. An everbearer with very firm, good flavored fruit. Fruit of good size and very uniform. Yields the first season after setting. You shouldn't pass up this berry as it is a winner. Prices postpaid. 25 plants for \$1.50, 100 plants for \$4.50.

**ROCKHILL EVERBEARING.** The newest strawberry grown. Distinctly flavored. Bears a large

attractive berry about the size of Mastodon. Its flavor is superb. Produces from early spring to late fall. We have eaten Rockhills picked on Armistice Day and enjoyed their rich flavor in spite of the lateness of the season. Does not produce runners so objectionable to the grower. It spreads by crown development. The energy employed by other kinds of berries in producing runners and nourishing plants at a distance is kept at home with Rockhill. This habit accounts for the quick and abundant fruit production of Rockhills. Place orders early as Rockhill plants are never plentiful. Prices postpaid: 25 plants \$4.00, 50 plants \$7.50, 100 plants \$14.00.

**ASPARAGUS (Washington Pedigreed).** A new rust-resistant Asparagus. As a standard variety for the production of fancy Asparagus for the home or market, it stands ahead of all others in size, vigor, tenderness, quality and rust-resistance. Doz. 75c; 100 plants \$5.00, postpaid.



## Potatoes

**U. S. D. A. CHIPPEWA.** We introduced Chippewa four years ago and it is still gaining in popularity and favor. Heavy yielding, early, white skin and flesh. Chippewa has good size and shape. It is likewise highly resistant to mild Mosaic disease which destroys many varieties during growth. An excellent cooker. 10 lbs. \$2.00, postpaid to 3rd zone. Write for quantity prices.

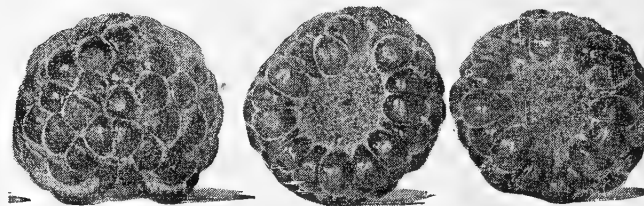
**EARLY BLISS TRIUMPH.** Tubers of handsome appearance, being almost round with slightly depressed eyes, mostly at the seed end. Run very uniform as to size and shape. Heavy cropper and good flavor. We offer only certified seed as a protection against mild Mosaic disease which often reduces yields 50%. 10 lbs. \$1.50, postpaid to 3rd zone. Write for quantity prices.



**U. S. D. A. HOUMA.** Developed by the U. S. Department of Agriculture. New Houma is very similar in appearance to Chippewa but it grows more erect and matures a little earlier. Highly resistant to mild Mosaic and virus diseases and withstands heat and drought remarkably well. Yields are large and cooking quality "can't be beat". Prices same as Chippewa, above. Write for quantity prices.

WE GUARANTEE ONLY STRONGEST PLANTS WILL BE SUPPLIED ON ORDERS. IF INTERESTED IN LARGER QUANTITIES PLEASE WRITE FOR PRICES.

**EARLIEST OF ALL.** This is one of the finest potatoes on the market but unfortunately it has been mis-named. It is not the earliest of all, for it matures and is ready for market later than Early Bliss Triumph and Chippewa which are, aside from Houma the earliest of our varieties. Earliest of All is white skinned with creamy-white meat. Price same as Bliss Triumph. Write for quantity prices.



RED RASPBERRIES

## CANE BERRIES

**CUTHBERT (Raspberry).** This is the leading red raspberry. Strong and abundant bearer. Berries large, a beautiful deep crimson possessing a most pleasing flavor. Easy to pick and holds up well in shipping. Fine for home use or shipping. Transplanted plants 20c each, 10 for \$1.75.

**ST. REGIS EVERBEARING (Raspberry).** Commences to bear early. Ripens early in the season. Large, well-flavored berries and continuous producer until frost. Transplanted plants 20c each, 10 for \$1.75.

**NEW WASHINGTON (Raspberry).** A new raspberry which is gaining in popularity each year. Produces a very heavy crop of berries that are slightly larger than Cuthbert, firmer and brighter in color. New Washington is disease resistant, a strong grower, fine for home garden or for shipping. Transplanted plants 25c each, 10 for \$2.00.

**OREGON CHAMPION GOOSEBERRIES.** Large, skin light green with flesh very sweet, juicy, excellent flavor. Very prolific bearer and will not mildew. 35c each, 10 for \$3.00. Heavy 2-year plants.

**CHERRY CURRANTS.** The largest of all red currants; berries sometimes more than half-inch in diameter; bunches short; plant very vigorous and productive when grown on good soil and well cultivated. 35c each, 10 for \$3.00. Large, strong plants.

**PERFECTION CURRANTS.** Bright red, and of a size larger than many. One of the most productive currants. Rich, mild, sub-acid flavor and having plenty of pulp with few seeds. Same price as Cherry Currant.

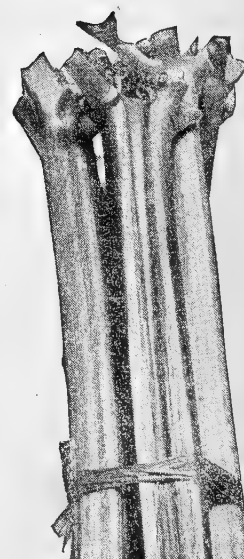
## RHUBARB PLANTS

Medium divisions,  
each, postpaid, 40c  
Large divisions,  
each, postpaid, 50c

Our plants are from two-year-old stock being divisions and not seedling plants. They will produce earlier for you.

### RIVERSIDE GIANT RHUBARB

Has stood the test of time; crisp, tender, free from stringiness, good flavor, delicious, distinctive flavor. The skin is so thin it disappears in cooking. Has every good characteristic a commercial rhubarb should possess. Yields of over 35 tons per acre are common.





# THE BERRY WITH A JOYOUS "NEW" FLAVOR

## KING NECTARBERRY



From time to time new things appear among the plant family; many to enjoy short-lived popularity while occasionally a new variety is brought into being which, by its true quality and merit continues to grow in favor. Nectarberry, introduced for the first time in 1937, has proved one of the sensationally new berry varieties and is steadily gaining in popularity by reason of its prolific production of large fruit, and a distinctly and pleasingly new berry flavor.

Nectarberries are of mammoth size (larger than Boysenberry) with particularly large juice cells or drupelets. The flavor is pleasing, carrying the tang of Youngberry and the pleasing taste of Raspberry. Nectarberries begin to ripen about two weeks after the first Youngberries and vines will be completely loaded with ripe and partially ripe berries and bloom. Nectarberry produces about ten days to two weeks longer than Boysenberry. They have less acid and can be enjoyed by diabetics. Berries are very dark wine color, almost black when ripe. Almost seedless.

Nectarberry is somewhat sweeter than Boysenberry and is preferred by those who do not like the sour flavor of many berries. As to size, many berries run 1 1/2 and 1 3/4 inches long and an inch through; many larger. To those who have enjoyed the Nectarberry and have compared the flavor with Youngberry and Boysenberry, opinion is unanimous as to the superiority of Nectarberry.

Nectarberry has proved hardy under both drought and cold. Vines that were forced to go without water for long periods continued to bear nearly as well as those that were frequently irrigated. Wintered successfully in Michigan, Montana, Ohio, Washington and New York without injury though not mulched. Fine for jam or jellies and without peer as fresh fruit with cream. Very few and small seeds to annoy and no noticeable core. The thorns of Nectarberry are small and not objectionable, certainly not as "mean" as most berries of the thorny variety.

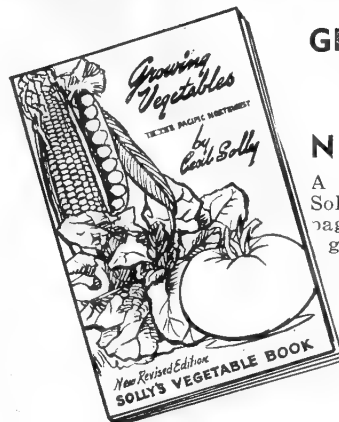
Our plants come to us from a dependable grower in Southern Oregon who has made the growing of berries his main endeavor. We guarantee strong, true-to-type plants in 1-year tips. Demand will be heavy so do not delay ordering. Supply is limited for this year. Plants will be carefully packed to insure safe arrival.

### NECTARBERRY PLANT PRICES

1-yr. Tips, 1 to 5 plants, each.....	60c
1-yr. Tips, 6 to 10 plants, each.....	55c
1-yr. Tips, 10 to 50 plants, each.....	50c
1-yr. Tips, 50 to 100 plants, each.....	45c

Prices Postpaid.

## Books by CECIL SOLLY



### GROWING VEGETABLES IN THE NORTHWEST

#### NEW 1945 EDITION

A new revised edition of Mr. Cecil Solly's popular book. Contains 144 pages of practical information on gardening. How to grow, sorts to use, control of pests and diseases, hotbeds, cold frames, use of land and other vital subjects for the amateur or professional gardener. Well illustrated with cuts and diagrams.

PRICE.....\$1.00

### GARDEN NOTE BOOKS



No. 1. **LAWN**—How to plant and care for a lawn of perfect turf here.....25c

No. 2. **ROSES**—Roses are easy to grow, provided you start right.....25c

No. 3. **FRUIT TREES**—How to plant and care for fruit trees in any garden. Lists best varieties.....25c

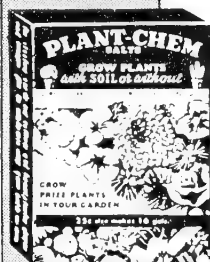
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No. 12. **GROWING SUMMER FLOWERING BULBS**—How to grow and care for Gladiolus, Tuberous Begonias, Dahlias and Cannas..35c

## We use and Recommend



The balanced fertilizer containing complete nutrients plus plant hormone

# PLANT-CHEM SALTS

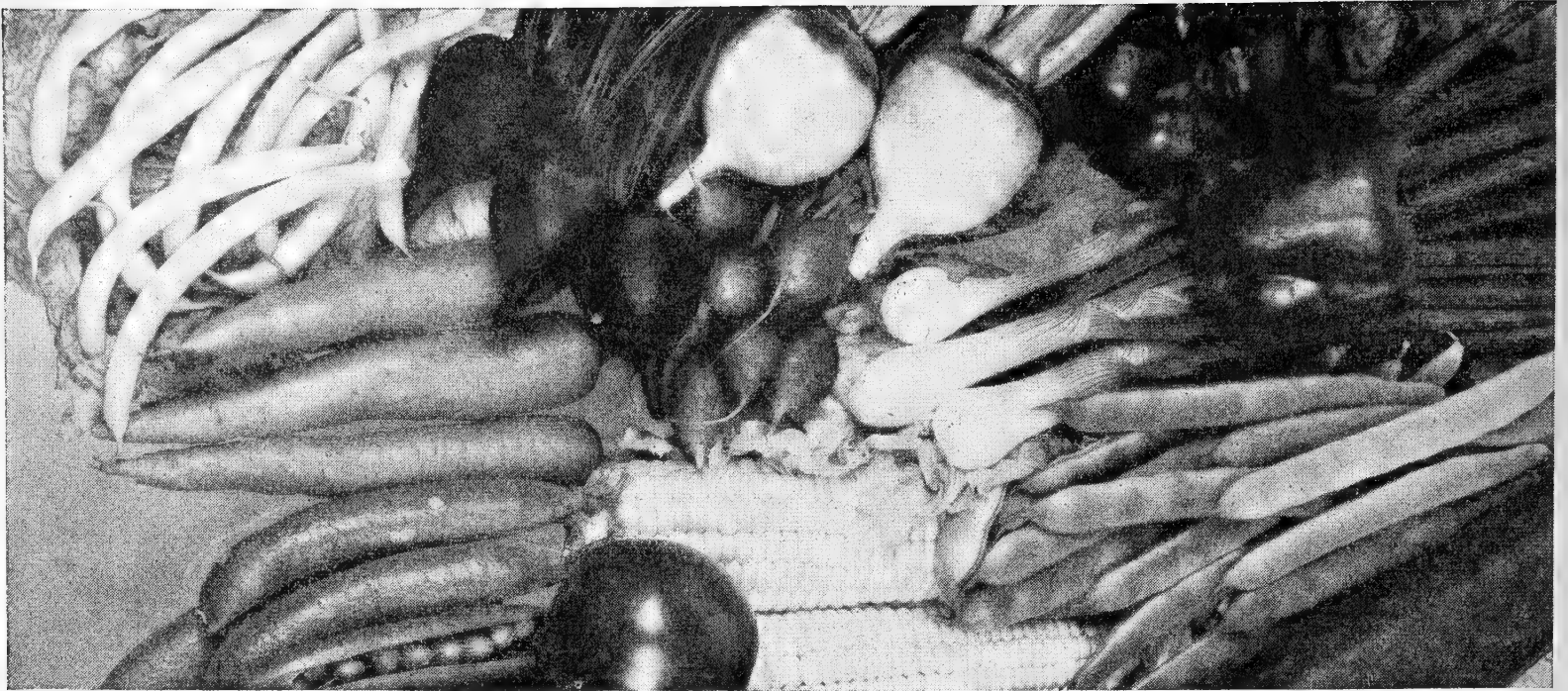
A scant spoonful makes a gallon of rich FERTILIZER

For Use In Your Garden and Starting Seeds • Trees • House Plants Slips and Cuttings • Shrubs • Flowers Transplanting • Ferns • Cacti Vegetables • Bulbs • Green Houses

#### Ask For Free Pamphlet

10c size makes 5 gal. \$1 size makes 100 gal.  
25c size makes 16 gal. \$2 size makes 400 gal.  
50c size makes 37 1/2 gal. \$5 size makes 1200 gal.

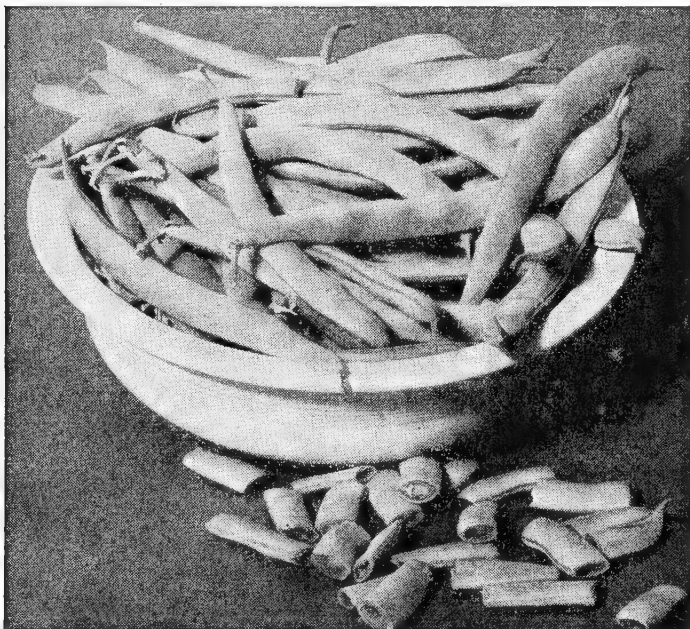
**Pour it on • Watch 'em Grow!**



## DWARF OR BUSH BEANS

One pound will plant a row 100 feet long;  
about 1 1/4 bushels to the acre

**HOW TO GROW DWARF OR BUSH BEANS.** Make the rows 18 inches or 2 feet apart, and drop the beans 4 inches apart in the row. If the soil is warm and loose, plant 2 inches deep; if rather cold and wet, plant only one inch deep. Beans, especially the yellow-podded varieties, will rot very easily if planted when the soil is wet and the atmosphere is cold. If you do not want to run the risk of replanting them, do not plant your beans until the soil is warm. Cultivate often but never when the plants are wet, as this brings on rust. Pick the beans as fast as they become fit to use; this makes them bear longer. Special prices to market gardeners. Send your list to us for prices.



DWARF TENDERGREEN

### Green Podded Varieties

Prices postpaid: Pkt. 10c; 1/2 lb. 30c; 1 lb. 50c.  
Unless Otherwise Noted.

**DWARF TENDERGREEN.** Here is a comparatively new green bush bean variety. It has "won its spurs" and is today's outstanding variety. Matures in 54 days from planting, therefore is early. Plants large, erect, productive. Pods are round, fleshy, stringless and of the finest flavor. Seeds brown, mottled with light fawn. By all means, include Dwarf Tendergreen in your garden this season.

**MONARCH IMPROVED STRINGLESS GREEN-POD.** Matures in 48 days. High quality for home and market garden. One of the favorites through the years. Splendid as a canning variety or for snap beans. Plant large, thrifty, heavily productive. Pods medium green; 5 1/2 inches long, almost 1/2 inch wide and equally thick; very fleshy, strictly stringless, fine grained, tender. Seeds coffee brown. Pods similar to Giant Stringless Green Pod but a trifle shorter and thicker.

**NAVY BEANS.** Matures in 90 days. This is the favored dry bean for baking and for soups. Very small, seed pure white, vines thrifty and very productive.

**MONARCH DAVIS WHITE WAX.** Matures in 52 days. Well adapted for shipping. Plant large and thrifty and productive. Pods attractive yellow; 6 inches long, straight, 1/2 inch wide, thick, oval; fleshy and tender when young but become somewhat fibrous and stringy. An excellent dry bean for baking or soups.

**GOLDEN WAX.** Matures in 48 days. A splendid home garden variety; also much used for canning. Plant small, productive. Pods very attractive; golden yellow; 4 1/2 to 5 inches long; 1/2 inch wide, thick, oval; fleshy, brittle, stringless. Seeds white, splashed with violet-carmine and purple.

### A WORD OF WARNING!

Due to the shortage of many varieties of vegetable seeds brought about by unprecedented unfavorable weather conditions during the planting, growing and harvesting of vegetable seed crops, we can only quote subject to price change and available stocks.

High prices may seem unjustified to the average gardener but when short crops coupled with an abnormal demand from countries who formerly secured their vegetable seeds from Europe and who now come to the United States for supplies are taken into consideration, one can readily understand why prices have risen to such high levels.

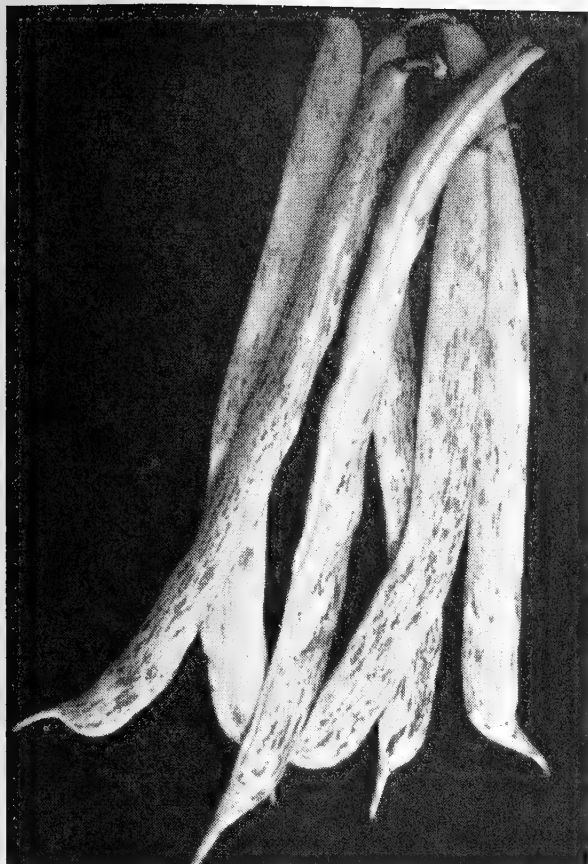
We are still sticking by our guns. It has always been our aim to buy the best for you and this policy will not be changed even though we might lose your business because someone else quoted inferior seeds for less.

BUY THE BEST, IT PAYS BIG DIVIDENDS.

PRICES LOWER AT OUR STORES.  
YOU SAVE POSTAGE.



## VEGETABLE SEEDS



BEAN, OREGON GIANT

### POLE OR RUNNING VARIETIES

Prices postpaid: Pkt. 10c; 1/2 lb. 30c; lb. 50c, unless otherwise noted.

**CULTURE.** One pound will plant 50 hills, 30 pounds per acre. The soil should be mellow, rich and warm. Lay the ground out in hills 4 feet apart each way, and set poles 8 to 10 feet long firmly in the hills before planting the seed. Plant 5 or 6 beans in a hill and cover about 2 inches deep; leave three plants at each pole, and when a few inches high draw a little earth around them as support. Set the poles before the plants have grown to large size; many gardeners consider it an advantage to set the poles when planting, thus avoiding disturbing the small plant or its roots.

**OREGON GIANT.** A very desirable snap bean. A good climber and very prolific. Pods long, thick-flat, stringless when young, exceedingly tender, rather broad, meaty, pods splashed purplish blue. Pkt. 15c; 1/2 lb. 35c; lb. 60c.

**MONARCH BLUE LAKE BEAN.** Matures in 62 days. A splendid snap bean for home garden and early market. Good climber, heavily productive. Pods light green, 5 1/2 inches long, 1/2 inch wide, almost as thick; nearly stringless, very fleshy, brittle, tender. Seeds white; excellent for baking. Because of the near-stringless character of this variety it is preferred by many to Kentucky Wonder.

**KENTUCKY WONDER (Old Homestead).** Matures in 65 days. Unexcelled for home garden and for market. Excellent climber, thrifty, heavily productive. Pods medium green; 9 to 10 inches long, nearly round and 1/2 inch in diameter; slightly stringy, very fleshy, brittle, tender. Prices at top of page.

**SCARLET RUNNER.** Matures about same as Limas. Good climber. Flowers scarlet, decorative. Pods dark green; 6 inches long, flat oval; fleshy; desirable for snaps and green shell beans. Very attractive as porch or arbor cover. Pkt. 15c; 1/2 lb. 35c; lb. 60c.

**LONDON HORTICULTURAL (Speckled Cranberry).** Ready for snaps in 65 days; green shell beans in 74 days. Splendid for home and market garden. Good climber, thrifty, heavily productive. Pods green, becoming splashed with carmine at green shell stage; 7 inches long, wide, straight, stringless. Prices at top of page.

## LIMA BEANS

Prices postpaid: Pkt. 10c; 1/2 lb. 30c; lb. 50c.

**KING OF THE GARDEN LIMA.** Matures in 88 days. Climber, heavily productive. Pods 6 inches long, 1 1/4 inches wide, 3/8 inch thick, usually with 4 or 5 beans. Seeds large, thick, flat, white. An improved strain of large White Lima. Prices at top of this page.

**BURPEE'S BUSH LIMA.** Matures in 75 days. Plant large, heavily productive. Pods large, 4 1/2 to 5 inches long, 1 1/4 inches wide, 3/8 inch thick; usually contain 4 large, thick beans. Dry beans large, flat, greenish-white. Prices at top of this page.

**BABY POTATO.** All-America Silver Medal Winner for 1940. A prolific variety of excellent habits and flavor. Admirably adapted not only for produce markets but also for canning and quick freezing. Seeds are small but thick, of bright green color when fresh, and similar in flavor to Fordhook.

## BEETS

Special prices to market gardeners. Send your list to us for prices.

**CULTURE.** Well enriched, light soil is best adapted for the culture of beets. Sow in drills 1 foot apart and cover half inch. It is important that the earth be pressed firmly about the seed. When the plants are large enough, thin to 4 inches apart. Use thinnings for greens if desired. For early crop, sow as soon as the ground can be worked, and continue for succession until the first of July. Liberal manuring should be done for Mangels and Sugar Beets. They should stand 10 to 12 inches apart in the rows.

**EARLY BLOOD TURNIP.** A medium early variety for home and market garden use. Matures in 65 to 70 days from seed. Tops medium, but somewhat coarse. Roots top-shaped; dark red. Flesh bright red with zones of lighter shade. Pkt. 10c, oz. 40c, 1/4 lb. \$1.20, pospaid.

**MONARCH DETROIT DARK RED.** Matures in 52 to 55 days. The standard of excellence in table beets for home and market garden, for shipping, and for canning. Tops uniform, small, slender, erect. Roots globe-shaped; symmetrical, with small collar and small tap-root; very dark, blood-red. Interior very uniform in color, the zones so inconspicuous that the flesh seems to be one solid ball of deep blood-red meat; remains tender and of highest quality until roots are full grown. Pkt. 10c; oz. 40c; 1/4 lb. \$1.20 Postpaid

**SWISS CHARD (Sea Kale).** Large Ribbed White. The leaves are broad, somewhat waved, but smooth, and of a medium light yellowish-green. The stalks are broad and flattened, but tender and succulent. Pkt. 10c; oz. 40c; 1/4 lb. \$1.20. Postpaid.

**RHUBARB CHARD.** A new Swiss Chard that looks like rhubarb. The leaf stalks are bright, translucent, crimson; the rich color extends out through the veins into the dark green, heavily crumpled leaves. Easily grown; thrives everywhere. You will enjoy the different, tasty, delicious flavor of Rhubarb Chard. Very decorative in the flower garden. Pkt. 15c.

## MANGEL-WURZELS

**GIANT HALF-SUGAR MANGEL.** Matures in about 90 days. Roots long oval, tapered; grayish-white with rose-colored shoulder; flesh white, rich in sugar. One of the heaviest croppers. Oz. 25c; 1/4 lb. 75c.

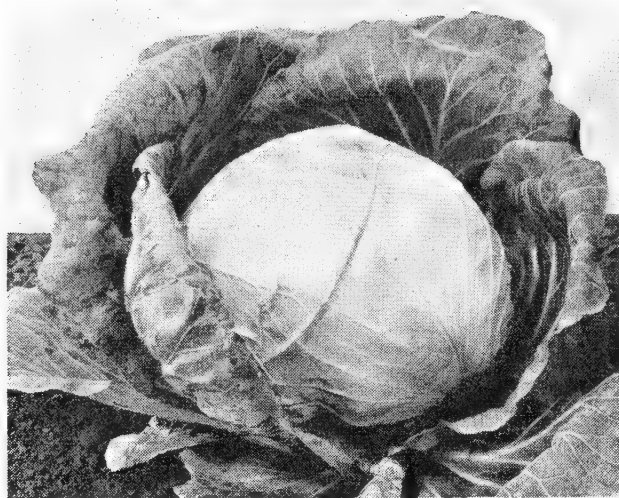
**MAMMOTH LONG RED.** The largest of the mangels and the heaviest cropper. Skin red, flesh white, zoned red. Roots very large, spindle shape, straight and thick. Grow 1/3 to 1/2 out of ground. Oz. 25c; 1/4 lb. 75c.

## CAULIFLOWER

**CULTURE.** Cauliflower succeeds well in any soil that will grow good cabbage, but prefers a well enriched soil of loamy character. Sow seed early in February and March in hotbed, transplanting later to cold frame and thence to open ground.

**EARLY SNOWBALL.** This is the most popular for home garden and market. Produces a good crop and a sure header. Pkt. 15c. Postpaid.

# VEGETABLE SEEDS



CABBAGE, LATE FLAT DUTCH

## CABBAGE

### Finest Early Sorts

**COPENHAGEN MARKET.** Matures in 66 days. Distinctly and uniformly early. Splendid for early market and shipment; proving valuable as early kraut variety. Plant small, compact, allowing very close planting; stem short; heads uniformly round; firm; become 6 to 7 inches in diameter; weight 3½ to 4 pounds. Interior clear white and of excellent quality. Pkt. 10c; oz. 75c.

**EARLY JERSEY WAKEFIELD.** Matures in 62 days. Extremely early variety very valuable for home and market garden as well as for shipment. Plants very small and compact, allowing close planting; stem is short. Heads firm and conical, usually 7 inches long, 5 inches thick near base; weight 2 to 2¼ pounds. Pkt. 10c; oz. 75c.

**EARLY DWARF FLAT DUTCH.** Matures in 71 days. Excellent for home and market garden. Plants small and compact; stem short. Heads almost ball-shaped; commonly 7 to 8 inches in diameter, 6 inches deep and weigh 4½ to 5 pounds; firm and of high quality. Pkt. 10c; oz. 75c.

**GOLDEN ACRE CABBAGE.** Matures in 60 to 64 days. The earliest round headed cabbage; especially valuable for early market and shipping. Plants very small and compact; stem short; heads uniformly round; firm, commonly 6 inches in diameter and weight 3 pounds. This is similar to Copenhagen Market but is several days earlier, and the heads are smaller. It is as early as Early Jersey Wakefield. Because of the absence of large surplus outleaves, Golden Acre can be planted closer in the row and the rows nearer, meaning more heads per acre. Pkt. 10c; oz. 75c.

### Late Sorts

**DANISH BALLHEAD or HOLLANDER** (short stemmed strain). Matures in 90 to 100 days. The best late cabbage. Plants are medium sized with short stem. Heads large; flattened globe-shape; become 8 to 9 inches across, 6 to 7 inches deep, and weigh 7 to 9 pounds. Very firm and solid, of excellent quality, and keep perfectly in storage until late spring. Pkt. 10c; oz. \$1.00.

**GIANT LATE FLAT DUTCH.** Matures in 105 days. The best very large, late cabbage; popular for home and market garden and for fall shipment; a good keeper. Heads very large and flat, but deep; become 12 to 14 inches across, 7 inches deep; and weigh 12 to 14 pounds or more; firm and of good quality. Pkt. 10c; oz. \$1.00

## BRUSSELS SPROUTS

**DWARF IMPROVED.** A carefully grown strain; very hardy and giving compact, round sprouts of large size and good quality. Pkt. 15c.

## BROCCOLI

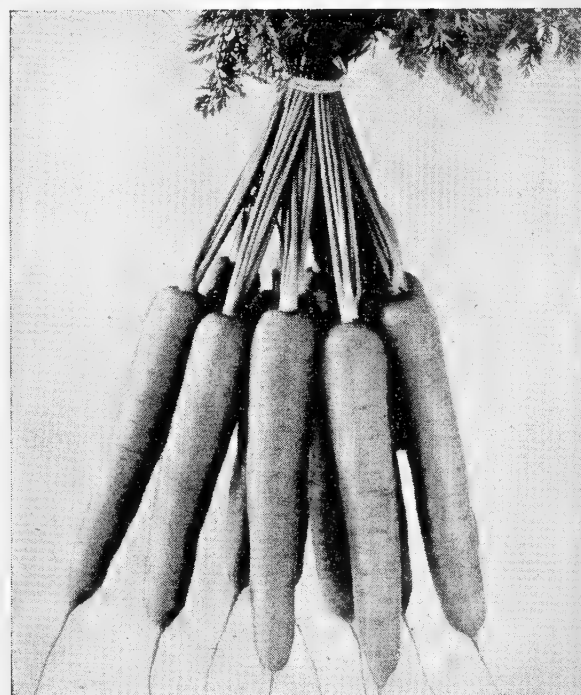
**CULTURE.** Plant in open ground in May and June, transplanting later when plants are of sufficient strength and size to place in field. Culture same as for Cabbage or Cauliflower.

**ST. VALENTINES.** Fine quality, immense header; ready for market early. Heads remain in good condition longer than most varieties. Pkt. 15c.

**ITALIAN or SPROUTING.** The standard variety of sprouting broccoli. Grown for home garden, for market and recently in large quantities for freezing. Plants very large and vigorous, reaching 2½ to 3 ft. under good conditions with central head 5 to 6 in. in diameter. Pkt. 15c.

## CARROTS

**CULTURE.** Carrot seed can be sown early and late in Western Washington. As soon as the ground can be worked in February carrots may be sown. They like a well cultivated and loamy soil. Use fertilizer liberally. Sow in rows (table varieties) 16 to 18 inches apart, and for field culture sow in drills 18 to 24 inches apart. Cover one-half to an inch deep and firm soil well over seed.



IMPROVED IMPERATOR

**TENDERSWEET or IMPROVED IMPERATOR.** This carrot grows to a length of 6 to 7 in. with a shoulder diameter of 1¼ to 1½ inches and is a deep orange color. It has smooth crown; does not have undesirable side shoots; has a fine texture and is very sweet. In all respects it is very attractive for shipping. An ideal bunching carrot. Pkt. 10c; oz. 50c; ¼ lb. \$1.50.

**DANVER'S HALF LONG.** The roots are a rich dark orange color and by reason of its symmetrical shape, which is long and pointed, makes an excellent bunching variety. It has proved over a period of years to be the most popular carrot. Pkt. 10c; 1 oz. 45c; ¼ lb. \$1.35.

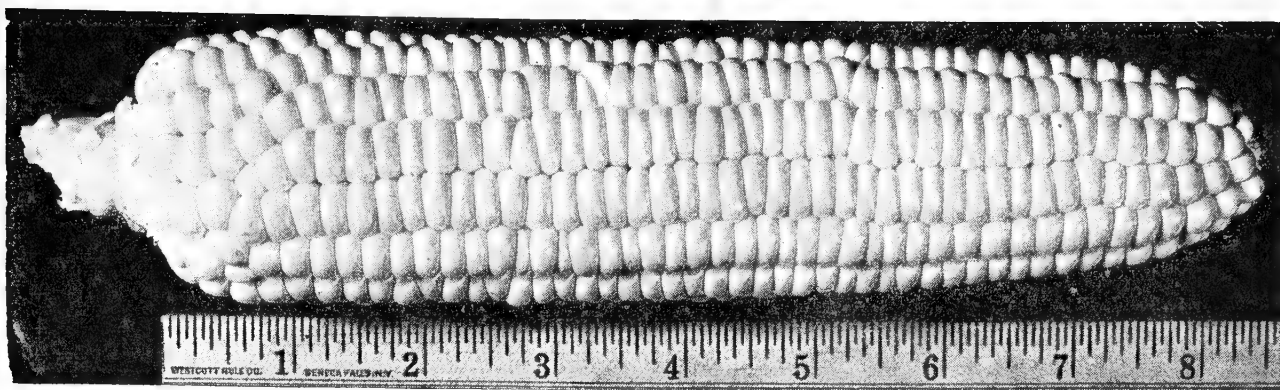
**RED CORED CHANTENAY.** A very fine red cored carrot with uniformity and appealing color. Smooth symmetrical shape combined with just the right size make it a good market or home garden carrot. Roots 5½-6 in. long, 2¼ in. thick at shoulder, tapered, stumprooted. Pkt. 10c; oz. 50c; ¼ lb. \$1.50.

**NANTES CORELESS CARROT.** Matures in 68 days. One of the best for home garden and early market. Tops small. Roots bright orange; 6 to 7 inches long, 1¼ inches thick; cylindrical; stumprooted. Flesh bright orange, of highest quality; core inconspicuous. Undoubtedly one of the best carrots grown. Not a tapering variety. Fine for bunching. Pkt. 10c; oz. 50c; ¼ lb. \$1.50.



## VEGETABLE SEEDS

### NEW HYBRID GOLDEN MARKET



### SWEET CORN

#### ACCLIMATED SEED

Prices postpaid (Unless otherwise noted).

Pkt. 10c; ½ lb. 25c; lb. 45c.

**HYBRID GOLDEN MARKET.** Here's a new hybrid variety that's a dandy either for the market gardener or the home garden. Hybrid Golden Market is as early as Golden Early Market with larger ears and yields 50% more marketable ears. Better worm resistance; two-weeks earlier than Golden Cross Bantam. Stalks grow to a height of only about 4 feet. Ears covered with a heavy husk. Market gardeners everywhere have found Hybrid Golden Market a profitable early crop to be followed by Golden Cross Bantam for the later market. Pkt. 15c; ½ lb. 40c; lb. 75c. Write for quantity prices.

**GOLDEN CROSS BANTAM HYBRID.** While this original hybrid variety still leads the group in yield per acre, new varieties have been developed that mature earlier at the expense of production. We still strongly recommend Golden Cross Bantam, believing it to be as good as one would want for the home garden and for maximum production of ears. However, if as a market gardener, you are out after the earliest production and want to get on the market with sweet corn before your neighbor, then we suggest that you plant Hybrid Golden Market, listed above. Golden Cross Bantam matures in about 90 days, yields double that of Golden Bantam; twelve rows to the ear. In trial plantings it yielded 20,000 ears to the acre. A trifle lighter in color than Golden Bantam. Pkt. 10c; ½ lb. 40c; lb. 70c.

**GOLDEN EARLY MARKET.** One of the best extra early yellow varieties for home and market garden. Ears have strong husks; 8 to 12 rowed. Kernels golden-yellow, medium, tender, sweet and of good flavor. Very prolific for so early a variety. Matures in 75 days from planting which is 5 days earlier than Golden Bantam. Prices at top of page.

**GOLDEN BANTAM.** The best known and most favorably known of all the yellow varieties. Stalks often have 2 ears. Ears 8 rowed; kernels broad, with tender hull, sweet, and of exceptionally fine flavor. Used widely for home gardens, by truckers and for canning. Matures in 77 days. All our seed sweet corn is northern grown, acclimated seed. Prices at top of page.

### POP CORN

**ROBUST HULLESS.** Most profitable and popular; short ears, white pointed kernels. Pkt. 10c; ½ lb. 20c; lb. 35c.

**GOLDEN PEARL YELLOW.** A giant yellow corn. Pops into mammoth creamy yellow, tender, fluffy kernels. Pkt. 15c; ½ lb. 30c; lb. 50c.

### CUCUMBERS

**CULTURE.** Reasonably good soil that is fully exposed to the sun will raise a good crop of Cucumbers. Every family should be supplied from its home garden, since the fruit is so much better when gathered fresh from the vines as desired for use than it is in the more or less wilted condition in which it is found on the market. Cucumbers are close relatives of melons but mature in about 60 days and may be brought to maturity with little trouble in the home garden. The seeds must be sown after the ground becomes warm, and the plants thinned to three or four to the hill. A very rich soil is the best precaution against insects and the blight. The striped beetle should be kept away from the young plants with liberal applications of powdered DUTOX.

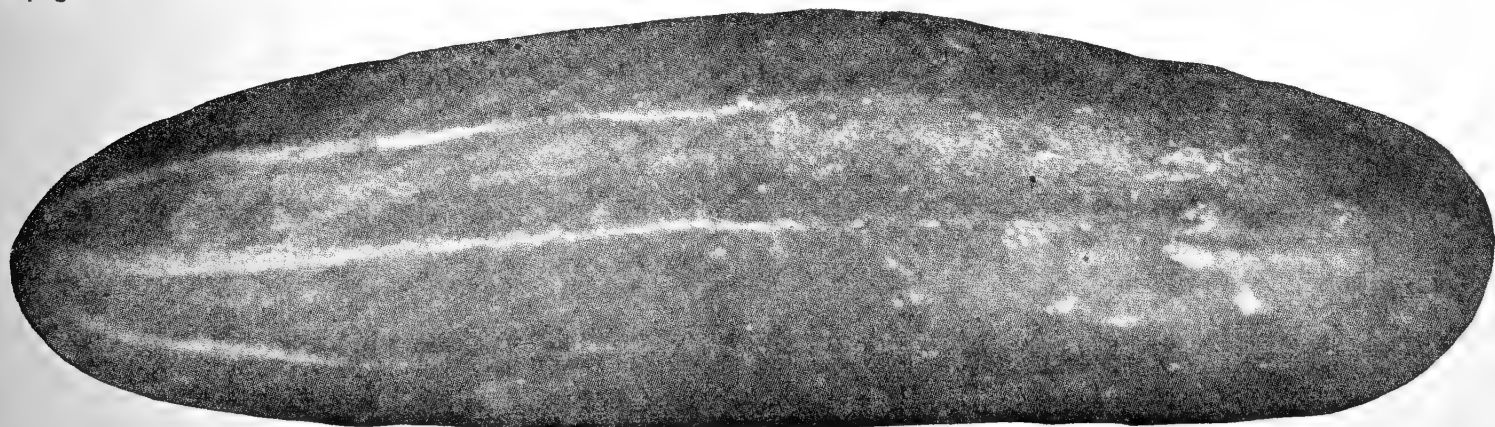
**MONARCH IMPROVED LONG GREEN.** Matures in 72 days. The most popular and one of the best for the home garden; particularly desirable for slicing. Fruits rich dark green; black spined; 12 inches long; 2¼ to 2¾ inches thick; straight; cylindrical; with few seeds. Carry a distinctive flavor, make excellent pickles, and when yellow and ripe the best sweet pickles. Pkt. 10c; oz. 35c; ¼ lb. \$1.05.

**EARLY WHITE SPINE.** Matures in 60 days. The most popular white spined cucumber for the home garden; extensively grown for shipping. Fruits medium dark green; remain in good condition remarkably long; 7 inches long; 2½ inches thick; slightly tapered; blunt. Pkt. 5c; oz. 35c; ¼ lb. \$1.05.

**CHICAGO PICKLING.** Most widely used of pickling varieties. Uniform and attractive; also good for slicing. Fruits medium green, square ended; very prolific. Pkt. 10c; oz. 35c; ¼ lb. \$1.05.

**LEMON CUCUMBER.** Matures in 65 days. Fine for preserves. Yellow in color, fruits round. Fine for salads. Every garden should contain a few hills of Lemon Cucumber. Pkt. 15c; oz. 40c.

**STRAIGHT-8.** This outstanding new variety produces symmetrical, cylindrical fruits about 8 inches long and 1½ inches in diameter. The fruits are well rounded at the ends and when in condition for use are deep green and free from objectionable striping or tipping. Ideal for shipping or for home or market garden. Pkt. 10c; oz. 35c; ¼ lb. \$1.05.



## VEGETABLE SEEDS

### CELERY

**FRENCH GOLDEN SELF-BLANCHING.** The best celery for early market use. Of yellow color when matured. Brings top prices. Pkt. 10c, postpaid.

**UTAH.** A very desirable green type early maturing celery. Becoming very popular. Pkt. 10c, postpaid.

### KALE

**1000 HEADED or COW KALE.** Frequently attains a growth of 6 to 8 feet and produces many of the smooth leaves. Largely used for feeding stock and poultry. Pkt. 10c; oz. 25c; ¼ lb. 75c.

**DWARF CURLED SCOTCH.** Long plume-like leaves with edges finely cut. Pkt. 10c; oz. 25c.

### LETTUCE

Prices Postpaid.

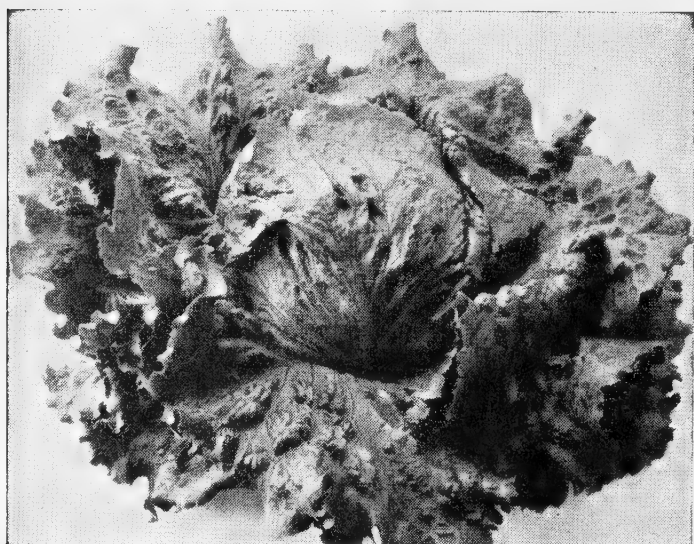
**NEW YORK PW55 (Peters-Wheeler).** This new introduction received Honorable Mention in the 1941 trials. It is a very early New York type, compact, medium in size and with small core. Wrapper leaves curve over the head without twisting. Although showing remarkable resistance to tipburn, its chief claim to wide favor seems to lie in its extreme earliness in the crisp leaf class. Pkt. 10c; oz. 50c; ¼ lb. \$1.50.

**IMPERIAL NO. 847.** Best suited for summer crops. A very popular variety among market gardeners. Good shipper. Resistant to brown blight. Crisp heading plants of medium size. Leaves smooth, thick, medium light green. Heads round, well folded, firm with low seed stalk. Pkt. 10c; oz. 40c; ¼ lb. \$1.20.

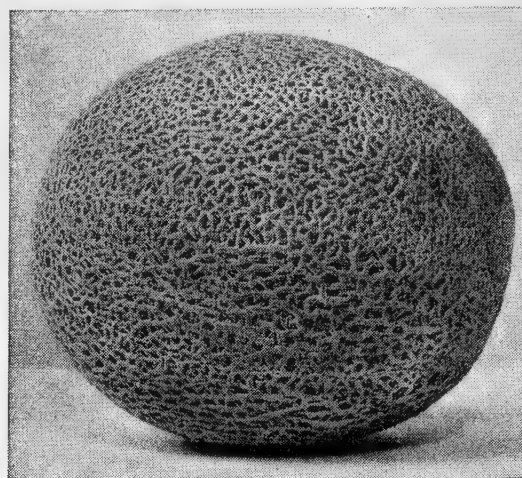
**NEW YORK NO. 515.** Similar in habit and head formation to New York No. 12, but color is brighter green and the head somewhat better formed and smoother. Sure-heading and resists tip-burn in warm weather as well as any firm heading lettuce. At present used principally for summer lettuce on land not infected with brown blight, but with distinct promise in all sections of the country for spring head lettuce. Not well adapted to fall harvest due to tendency to bolt under unfavorable conditions. Pkt. 10c; oz. 40c; ¼ lb. \$1.20. Write for quantity price.

**GRAND RAPIDS.** One of the most popular loose leaved varieties. Excellent for early planting outside, and for greenhouse forcing. Plants erect and compact; leaves light green, broad, wavy, curly and heavily fringed at the edges. Handsome sort; very tender and sweet when grown under glass. Early maturing. Pkt. 10c; oz. 40c; ¼ lb. \$1.20.

**IMPERIAL No. 152.** This variety is an improved Los Angeles type. Best suited for Fall and late Summer planting. Very sure heading and can be grown under a wide range of conditions. Resistant to brown blight. Very firm, round exposed heads. Pkt. 10c; oz. 40c; ¼ lb. \$1.20.



LETTUCE, NEW YORK NO. 515



MONARCH PERFECTO

### MUSKMELON

**CULTURE.** Plant in hills 4 to 6 feet apart each way after danger of frost is past and ground is warm; enrich well with well-rotted manure and plant seeds just under the surface, putting ten or twelve seeds in a hill covering about an inch deep with fine soil firmly pressed down. When the plants begin to crowd and the striped beetles are pretty well gone, thin to four of the most vigorous plants in a hill. Give frequent but shallow cultivation until plants make runners too long for practical work. Rich earth is far preferable to manure, and if manure is used be sure it is well rotted and well mixed with the soil.

**MONARCH PERFECTO.** This variety is recognized as the highest development in cantaloupe and is especially recommended for planting where melons are inclined to rust as it is more rust resistant than most sorts. Well grown, practically all these melons pack 12 to the Jumbo flat crate. The netting is well developed and closely laced covering the entire melon. The interstices between the netting are small and bright green when full ripe. The flesh, a rich orange salmon, is very deep and the color shows through the rind where the melon touches the ground a day or two before the melon will slip enabling the careful picker to pick accurately. The quality is unexcelled. The flesh is fine grained, very sweet and spicy. We offer No. 1, first cut seed only. Pkt. 10c; oz. 25c; ¼ lb. 75c. Postpaid.

**HALES BEST.** An outstanding early shipping cantaloupe. Planted extensively in all melon growing sections, for early shipping. Fruits oval; inconspicuous ribbing with heavy netting. Flesh extremely thick, salmon-orange, sweet and of fine quality. An excellent keeper and a good shipper. Seed cavity very small. Earlier than Superfecto, matures in 85 to 90 days. Pkt. 10c; oz. 25c; ¼ lb. 75c. Postpaid.

**HEARTS OF GOLD.** Still a dominating favorite. Quality extremely fine. Well netted except a narrow stripe between shallow ribs. Holds its color well. Very firm and a good shipper. Deep golden flesh is of the finest quality. Sweet, spicy and distinctly flavored. Hearts of Gold, because of its outstanding flavor will always remain a favorite. No garden is complete without it. Matures in 92 days. Pkt. 10c; oz. 25c; ¼ lb. 75c. Postpaid.

**ROCKYFORD.** Everyone knows this melon. It is one of the old standbys. Pkt. 10c; oz. 25c; ¼ lb. 75c. Postpaid.

Prices on all vegetable seeds postpaid unless otherwise marked.

### KOHL RABI

Hardy and easy of culture. Grown from plants the same as cabbage. The Kohl Rabi is a vegetable intermediate between the cabbage and turnip and combines the flavor of both. It should be eaten before growth ceases.

**EARLY WHITE VIENNA.** Very early; bulb white; best table variety Pkt 10c; oz. 50c. Postpaid.



## VEGETABLE SEEDS

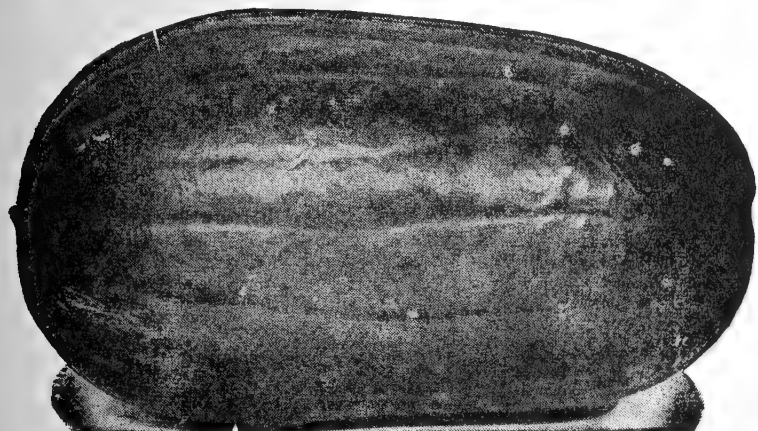
### ORDER EARLY TO AVOID DELAY

#### MUSTARD

The following varieties make the finest greens when used alone or if combined with cress furnishes a delicious salad. Sow any time in the spring, in rows, and thin out as necessary.

**SOUTHERN GIANT CURLED.** This is a giant curled leaf of fine quality. Pkt. 10c; oz. 20c. Postpaid.

**CHINESE MUSTARD.** Less pungent than other varieties. A most delicious variety thriving under same conditions as spinach. Pkt. 10c; oz. 20c. Postpaid.



#### WATERMELONS

**STRIPED KLONDIKE.** Right for the present this variety is the most popular watermelon in the Southern Oregon district, both for home market and shipping. The flavor is fine, texture unexcelled, a good shipper and very attractive with its mottled skin. Thin rind with small brown seeds. Matures about the same time as Brown Seeded Klondike; in about 85 days. We suggest that you plant this variety for main crop but plant **EARLY CANADA** for an early watermelon. See description above. Pkt. 10c; oz. 30c; 1/4 lb. 90c.

**MONARCH BROWN SEEDED KLONDIKE.** (Early maturing strain.) Flesh deep red, very sweet, flavor of the best, rind thin, dark green and tough enough to allow shipping to near-by market. Stem end square, center full, tapering slightly to the blossom end. A favorite on the Pacific Coast. One of the best flavored melons we have ever offered. Usually weighs about 25 pounds. We offer the earliest maturing strain. You can buy cheaper seed, but never better. Pkt. 10c; oz. 30c; 1/4 lb. 90c. Postpaid.

**KLONDIKE R7** (Wilt resistant). Developed by Dr. D. R. Porter of the University of California. Resistant to fusarium wilt. Quite similar to Brown Seeded Klondike Strain, but when young the melons show a distinct bloom and at maturity they are smoother and show less furrowing. Pkt. 10c; oz. 40c; 1/4 lb. \$1.20.

#### CASABAS

Prices Postpaid.

**GOLDEN BEAUTY.** Fruits are nearly globular of bright golden yellow color. Flesh is white, very thick and juicy. Pkt. 10c; oz. 30c; 1/4 lb. 90c.

**WINTER PINEAPPLE.** A casaba that ripens slowly and lasts practically through the winter. Stores like Hubbard squash. Pkt. 10c; oz. 30c; 1/4 lb. 90c.

**PERSIAN (Small Variety).** Matures in 115 days. Requires long season to attain perfection; widely grown for market. Fruits globular, skin very green; netted. Flesh thick; bright orange; of distinct flavor when melons are fully ripe. Pkt. 10c; oz. 35c; lb. \$1.10.

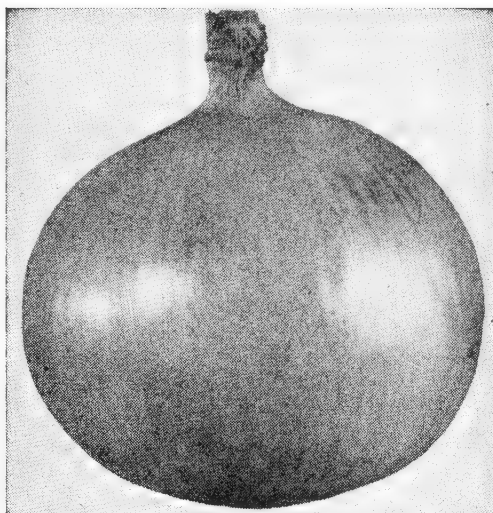
#### OKRA

**PERKINS MAMMOTH LONG-POD.** Also known as Long Green. Slender, slightly corrugated, dark green, straight, pointed pods, 7 in. long. The leading variety. Pkt. 10c; oz. 30c.

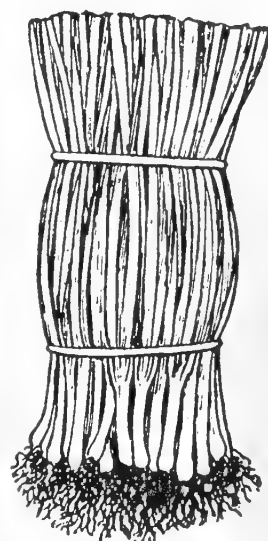
**WHITE VELVET.** Creamy white pods, 7 in. long, smooth, tender, slightly curved and pointed. Pkt. 10c; oz. 30c.

#### ONIONS

**SWEET SPANISH (Utah Strain).** This strain of Sweet Spanish has been bred up to keeping quality perfection. Originally the Spanish strain of this type did not have the keeping quality, hence seed breeders set to work to include the necessary keeping propensities. Such will be found in our Sweet Spanish. This is a very sweet and early onion. Most of you know it for its extreme high characteristics. Early, mild, excellent keeper, heavy yielder. Increasingly popular with the market and home gardener. Large, yellow, globular, with the market and home gardener. Large, yellow, globular, flesh white, very sweet and of pleasing flavor. Desirable for shipping. Our seed comes from the most reliable source and you'll find ours. True-to-type stock. Pkt. 10c; oz. \$1.10; 1/4 lb. \$3.25, postpaid.



SWEET SPANISH



ONION PLANTS

**YELLOW GLOBE DANVERS.** One of the most extensively used main crop yellow onions for the home garden. Here's what our grower says about our seed; "Our selection and breeding have developed a strain which has the early ripening habit and small neck of the original Danvers and yet is more globular and prolific than the parent type. The bulbs are medium to large sized, uniformly globe shaped and white fleshed, with a crispness and an excellent mild flavor. Highly recommended." Could you ask for more in an onion? Pkt. 10c; oz. 85c; 1/4 lb. \$2.50. Postpaid.

**CRYSTAL WHITE WAX.** A most attractive onion. An offspring of White Bermuda. Pure white in color, being waxy in appearance. Largely grown for the market but highly recommended to the home gardener. Pkt. 10c; oz. \$1.10; 1/4 lb. \$3.25. Postpaid.

#### ONION SETS

For the earliest green onions use onion sets, planting them about 2 inches apart in the row. Dry onions can be grown from sets, but it will be found much less expensive if grown from seed. We can furnish Yellow Strassburg sets at 50c per quart postpaid.

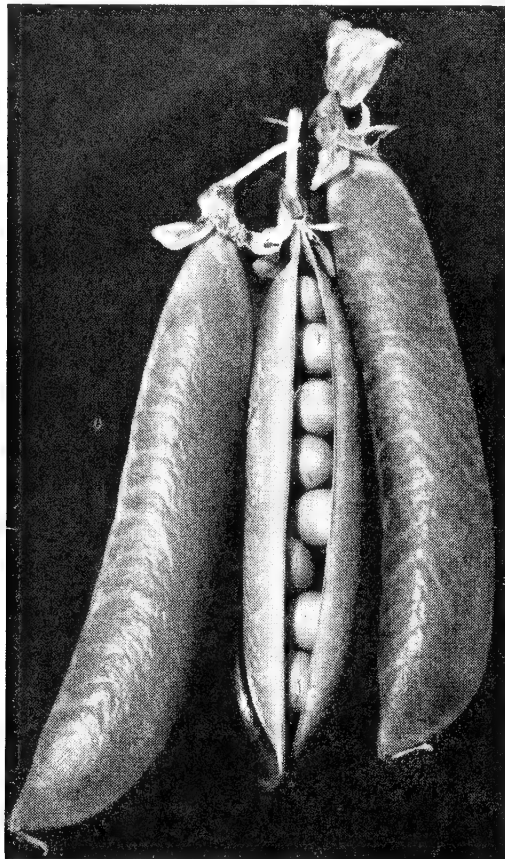
#### ONION PLANTS

We can supply Crystal Wax or Sweet Spanion Onion plants after March 15th. Will make either young green onions or can be left to mature for dry onions. Prices postpaid. 1 bundle of 100 plants (count is approximate) 40c, 5 bundles \$1.85, 10 bundles \$3.50.

## VEGETABLE SEEDS

### PEAS

**CULTURE.** One pound will sow 100 feet. Light, moderately rich soil is best for this crop. Sowing of first early varieties should be made in October, and the other varieties in the early spring. Peas are sown in single or double rows from 2 to 6 feet apart, according to the variety or height to which they attain. Dwarf varieties are planted 2 feet apart, and those of medium sorts 3 feet to 4 feet apart. Tall varieties from 5 to 6 feet apart.



#### Early Varieties—Dwarf

**MORSE'S MARKET (No. 122).** A new large podded early mid-season pea. Vines robust, 24 to 30 inches tall; pods 5 to 5½ inches long, produced abundantly even to the tip of the branches. A fine variety to plant with early peas for succession. Eight to 11 peas are contained in every pod. After standing for some time, the pods still look fresh and attractive, a characteristic which makes them unusually good for use by market gardeners and shippers. An excellent home garden variety. Pkt. 10c; ½ lb. 30c; lb. 50c, postpaid.

**LAXTON'S PROGRESS.** Matures in 60 days. Splendid variety for home, market garden and shipping. Vines dwarf; 20 inches tall; dark green; prolific. Pods handsome; dark green; very large for dwarf variety; fully 4 inches long, ¾ inch wide, plump; tapered at end. Seeds large, wrinkled; cream; interior yellow. Laxton's Progress is an improvement over Laxtonian. More prolific, larger pods with immense peas, filling the pods to bursting. If you want the maximum from your pea crop, plant Laxton's Progress. Our seed comes to us from the West's most reliable grower. Germination is high and you'll find our stock positively True-to-Type. Pkt. 10c; ½ lb. 30c; 1 lb. 50c, postpaid. Quantity price on application.

**LAXTONIAN.** Matures in 65 days. While not quite as early as Laxton's Progress this old favorite is earlier than most early sorts and by far superior to most. Dwarf, large-podded, this variety is generally considered the best of its class. The blue-green pods are often more than 4 inches long and contain 8 dark green peas of finest flavor. It is especially recommended for home garden use. Seeds are large, wrinkled; green and cream in color. Pkt. 10c; ½ lb. 30c; lb. 50c, postpaid. Quantity price on application.

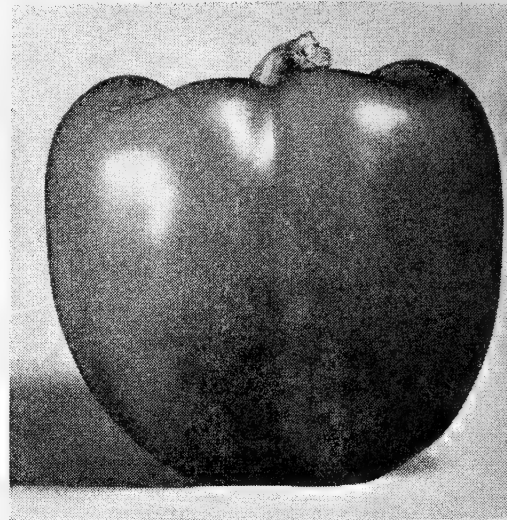
**TALL TELEPHONE.** Vines 4 to 4½ feet tall. Heavily loaded with very large, well formed pods, often 5 to 5½ inches long. Light yellowish-green and normally contain 8 to 10 very delicious, large peas. Pkt. 10c; ½ lb. 30c; lb. 50c, postpaid.

### PEPPERS

#### CALIFORNIA SWEET

#### WONDER.

Matures in 72 days; large green fruits available practically as early as Ruby King. This is the standard of excellence in sweet peppers; much used, particularly by market gardeners and shippers. Plant thrifty, upright, heavily productive over a long season. Fruit handsome, very large, very smooth and regular, commonly 4½ ins. long and 3½ to 4 ins. through; deep green, becoming bright crimson; flesh extremely thick and firm, sweet throughout and of distinct flavor. Pkt. 10c; oz. 75c. Postpaid.



**LARGE BELL OR BULL NOSE.** Matures in 55 to 60 days. An old favorite. Sweet with mildly pungent ribs. The earliest, most prolific large fruited pepper. Plants small, upright. Fruits 3 to 3½ inches long, 3 inches thick, blocky; slightly crumpled; deep green becoming scarlet red. Pkt. 10c; oz. 75c. Postpaid.

**CHINESE GIANT.** Matures in 80 days. The largest sweet pepper. Fruits 4½ to 5 inches long and of equal diameter; roundish, blunt at the ends; somewhat crumpled; deep green, mild and sweet throughout. Pkt. 10c; oz. 75c. Postpaid.

**LONG RED CAYENNE.** Matures in 70 days. A leading sort for use in pickling and for drying. Very pungent, fruits 5 inches long, ½ inch thick, tapered. Pkt. 10c; oz. 75c. Postpaid.



### PUMPKINS

**CULTURE.** Enormous pumpkins may be grown on the fertile soils of Southern Oregon and Northern California. Plant the seed in the open ground when it is well warmed and after danger from frost is past. Plant in hills about 8 feet apart; 3 to 4 pounds of seed will plant an acre and 8 ounces will plant 100 hills. Do not plant near squashes, as they are likely to mix.

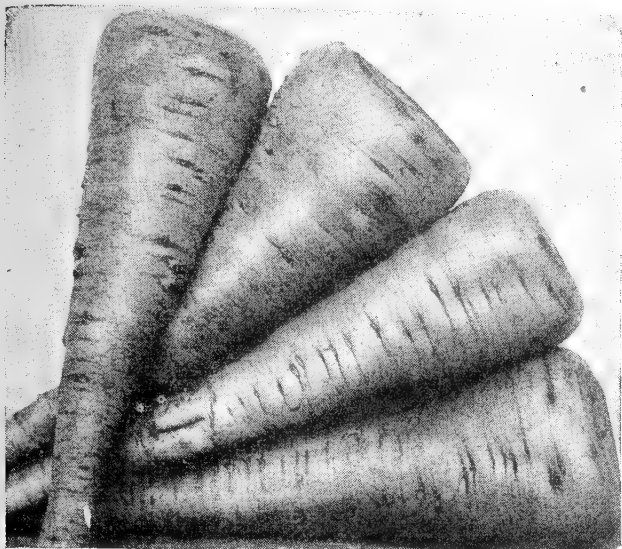
**CONNECTICUT FIELD.** The standard field pumpkin, grown for pies, canning and stock feed. Fruits very large, commonly 10 inches long, 12 inches in diameter and weigh 20 lbs., sometimes much larger; skin smooth, deep orange-yellow; shell thin, hard; flesh thick, coarse, sweet and deep yellow. Pkt. 10c; oz. 25c; ¼ lb. 75c. Postpaid.

**KENTUCKY FIELD or SWEET CHEESE.** Standard for canning and stock feed; largely grown in the south. Resistant to "pumpkin bugs". Fruits very large, flattened, commonly 12-15 in. in diameter and half as deep; sometimes much larger, furrowed; skin creamy buff; flesh extremely thick, deep salmon-yellow and of good quality. Pkt. 10c; oz. 25c; ¼ lb. 75c.

**NEW ENGLAND OR SWEET SUGAR.** A handsome and productive small pumpkin; skin orange, flesh yellow, fine grained, very sweet. This is the famous New England Pie Pumpkin. Pkt. 10c; oz. 25c; ¼ lb. 75c. Postpaid.



## VEGETABLE SEEDS



### PARSNIPS

ONE OUNCE of seed will sow 200 feet of drill, 5 pounds will plant an acre. This crop requires a very rich soil. Sow in drills 18 inches apart and one-half inch deep and thin to 8 inches in the row.

**LONG SMOOTH or HOLLOW CROWN.** A standard table sort; the best and most productive for field culture. Pkt. 10c; oz. 25c; ¼ lb. 75c. Postpaid.

### RADISHES

**CRIMSON GIANT.** Matures in 29 days. Superior home and market garden sort. Tops medium small. Roots spherical to slightly top-shaped; deep crimson; the largest of the early turnip rooted radishes; commonly attain diameter of 1½ inches before becoming pithy; of unexcelled quality. Pkt. 10c; oz. 25c; ¼ lb. 75c. Postpaid.

**EARLY SCARLET TURNIP.** Matures in 23 days. Very early sort, superior and equally valuable for out-of-door culture and for forcing. Tops small, ideal for bunching. Roots slightly elongated globe shape; 1¼ inches long when ideal for use; with slender well defined tap root; uniform rich bright scarlet; flesh white, crisp and of splendid quality. Pkt. 10c; oz. 25c; ¼ lb. 75c. Postpaid.

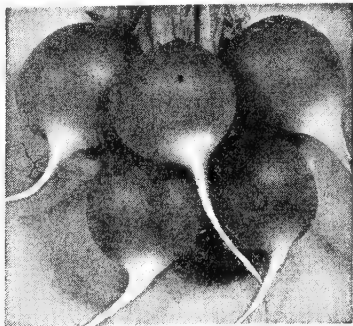
**EARLY SCARLET TURNIP (White Tipped).** Matures in 25 days. Handsome, popular variety of outstanding quality; much used in home and market gardens. Tops small, roots deep turnip shape, almost globular, with slender tap root; bright scarlet with well defined white area about the tip; remain crisp and of splendid quality until 1¼ inches in diameter or greater. Pkt. 10c; oz. 25c; ¼ lb. 75c. Postpaid.

**LONG SCARLET.** Matures in 26 days. Standard home and market garden sort. Tops small. Roots long, tapered; become 4-5 inches long and ¾ inch thick at shoulder; bright carmine red. Pkt. 10c; oz. 25c; ¼ lb. 75c. Postpaid.

**LONG WHITE ICICLE.** Matures in 27 days. Decidedly the best early white variety and considered by many the standard of excellence in radish. Particularly popular in home and market gardens. Tops small, roots long, tapered; very white; brittle as ice; of splendid quality until 5 to 6 inches long; mild and of splendid flavor. Pkt. 10c; oz. 25c; ¼ lb. 75c. Postpaid.



See Page 31.



### RUTABAGAS

**AMERICAN PURPLE TOP.** One of the best and most popular varieties, with yellow flesh. Good for stock feeding. Pkt. 10c; oz. 25c; ¼ lb. 75c. Postpaid.

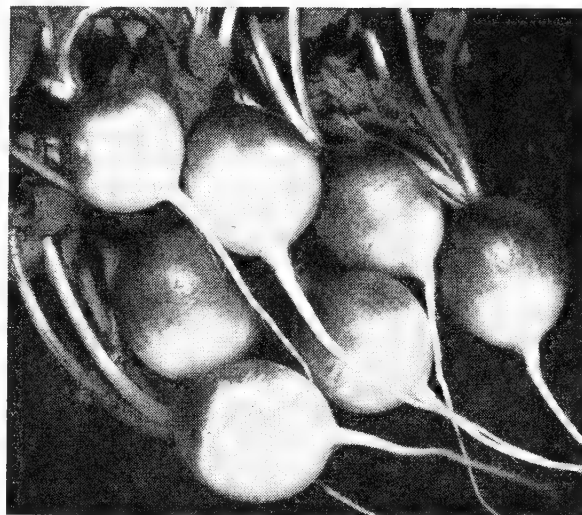
**LARGE WHITE or SWEET RUSSIAN.** A very large variety, with white skin and flesh which is tender and sweet. Pkt. 10c; oz. 25c; ¼ lb. 75c. Postpaid.

### SPINACH

**CULTURE.** Of easy culture and very profitable. Spinach may be planted in the fall or early spring. In our mild climate winter sowing is practical with good results. Sow 8 pounds per acre as a field crop or 1 ounce to 100 feet in the home garden. The richer the soil the larger and better the leaves. Use a top dressing of Sulphate of Ammonia after plants have started to grow.

**BLOOMSDALE SAVOY.** Matures in 40 days. The standard very early sort for home and market garden. Plants upright and compact, attain height of 10 to 12 inches and spread 12 to 15 inches. Leaves large; blistered and crumpled; rich deep, glossy green; of splendid quality. Pkt. 10c; oz. 25c; ¼ lb. 75c.

**GIANT THICK LEAVED.** Matures in 43 days. Decidedly the best of the round seeded thick leaved sorts. Because of the enormous yield, long standing character, and the deep green color and smooth character of the leaves, this is highly recommended for canning as well as for home and market garden. Leaves very large, thick broad arrow-shaped with rounded tip. Easy to wash free of sediment. Pkt. 10c; oz. 25c; ¼ lb. 75c. Postpaid.



RADISH, EARLY SCARLET TURNIP, WHITE TIPPED

### SALSIFY (Oyster Plant)

**MAMMOTH SANDWICH ISLAND.** Great improvement over the ordinary type, producing long smooth, thick roots of an even straight growth. Flesh almost white. Pkt. 10c; oz. 50c.

## WE CARRY A COMPLETE LINE OF POULTRY SUPPLIES

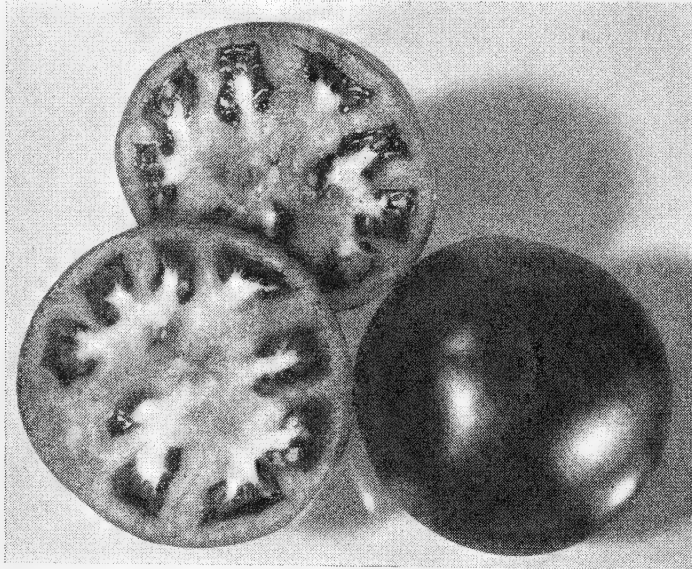
**ORDER EARLY.** We will be short of help again this season. Order early so we can get your order out before the rush sets in. Thanks for your kind cooperation.



## VEGETABLE SEEDS

### TOMATOES

**CULTURE.** Sow the seed in hotbeds in early March, moving plants to cold frame when of suitable size. Harden off in cold frame until conditions are right in the field for their transplanting. Too frequent watering is harmful, especially spraying the plants. Just a moderate amount of water should be applied at the roots at regular intervals.



TOMATO. BONNEY BEST

**BONNEY BEST.** One of the very best early varieties for table and canning. Very full flavored and slightly acid. Vine medium, not very heavy growing. Fruits medium sized, apple shaped, smooth; solid, bright scarlet in color and of exceptional quality. Pkt. 10c; oz. 75c. Postpaid.

**MARGLOBE.** Our stock of Marglobe is bred directly from seed originated by the U. S. Department of Agriculture. This variety has come into wide use by truckers and shippers and in some sections by canners. Plant vigorous, with heavy foliage, resistant to wilt and nail-head rust; moderately productive. Fruits medium large, nearly globular, smooth, solid, with thick walls and cross-sections of fine quality. Pkt. 10c; oz. 75c. Postpaid.

**EARLIANA (Special Market Gardener Strain).** A first early sort, widely used for home gardens and by truckers. Ours is one of the several excellent strains of this important variety which has been bred for thicker, smoother fruits. Vine is open, spreading, medium small. Fruits flattened, medium sized, form, bright, red, quite smooth. Pkt. 10c; oz. 75c. Postpaid.

**CHALK'S EARLY JEWEL.** A second early sort for home gardeners and truckers, also good for canning. Plant medium, with open growth; prolific. Fruits medium large, smooth, scarlet, flattened globe-shaped. Pkt. 10c; oz. 75c. Postpaid.

#### Small Fruited Varieties

**YELLOW PEAR.** Pkt. 10c, postpaid.

**YELLOW PLUM.** Pkt. 10c, postpaid.

**HUSK TOMATO or GROUND CHERRY.** Small, round, yellow fruits about half an inch in diameter, enclosed in a thin husk. Very deliciously sweet. Excellent for preserves. Pkt. 10c, postpaid.

### SQUASH

**CULTURE.** Do not sow squash seed until all danger of frost is past. Put a spadeful of well rotted manure in each hill and dig it in well. Sow 8 to 10 seeds in a space one foot in diameter and later thin to the strongest three plants. Eight ounces of seed will plant 100 hills; 2 to 3 pounds per acre. In gathering winter squash it is important to keep the stems from being broken off.

**IMPROVED WARTED HUBBARD.** Standard winter squash for home, market and shipping. Fruits medium large; commonly 9 to 10 inches through; globular, dark bronze green, moderately warted; rind very hard and strong; flesh very thick, deep orange-yellow, fine grained and dry; of splendid quality. Pkt. 10c; oz. 25c; ¼ lb. 75c. Postpaid.

**BANANA or SWEET POTATO.** An excellently flavored winter squash. Fruit commonly 18 to 24 inches long and about 7 inches in diameter. The skin is gray-blue and not so hard as that of the Hubbard, while the flesh is fine grained, deep yellow, dry, sweet and of prime quality. Good keeper. Pkt. 10c; oz. 25c; ¼ lb. 75c. Postpaid.

**TABLE QUEEN or DES MOINES.** Very early; extremely prolific; one of the most popular for home and market garden and shipping. Fruits pointed acorn shape; 5½ inches long and 4 inches through; uniformly ridged; skin smooth, dark green; shell thin; flesh light yellow, bakes dry and sweet. Vines yield prolifically and fruit matures in about 100 days. Fine for baking and serving in halves. Pkt. 10c; oz. 25c; ¼ lb. 75c. Postpaid.

**YELLOW SUMMER STRAIGHTNECK.** Well known. Fruit long, skin very much warted; bright golden yellow. Pkt. 10c; oz. 25c; ¼ lb. 75c.

**WHITE BUSH SCALLOP.** A very early variety with flat, white scalloped squashes 4 to 6 inches in diameter. Vine bushy in habit and dwarf. Pkt. 10c; oz. 25c; ¼ lb. 75c.

**MAMMOTH CHILI.** The largest squash. Used for stock feeding. Immense size means heaviest yield per acre. Pkt. 10c; oz. 25c; ¼ lb. 75c.



**ZUCCHINI (Italian Marrow).** This is a new dark skinned type more desirable than former types. Matures in 65 days. Straight, almost cylindrical. Grows to a length of 18 inches and 4 inches in diameter. Fruits smooth, rich dark green with no striping or mottling. The favorite summer squash. Pkt. 10c; oz. 30c; ¼ lb. 90c.

### TURNIPS

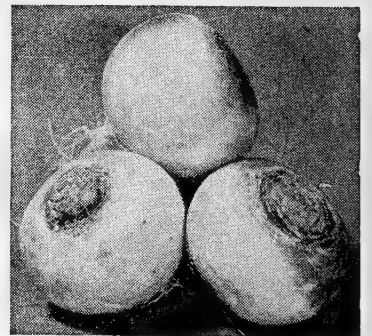
**ONE OUNCE** will seed 100 feet; 2 pounds will sow an acre. Turnips do best in highly enriched soil of light, sandy texture. Sow in drills from 12 to 15 inches and thin early to 8 or 9 inches apart.

#### PURPLE TOP STRAP LEAF.

Ready for the table in 45 days. Very important home and market garden sort. Tops small, erect, compact. Roots flat, become 5 inches in diameter and half as thick; purplish red above and white below; flesh clear white, fine grained, mild. Pkt. 10c; oz. 25c; ¼ lb. 75c. Postpaid.

**PURPLE TOP WHITE GLOBE.** Matures to table size in 55 days. Full size in 70 days. The standard home, market garden and shipping sort for table use. Tops medium large, compact, strap leaved. Roots globular, smooth; bright purplish-red above, white below; become 5 to 6 inches in diameter; flesh white, firm; fine grained and tender when young. Pkt. 10c; oz. 25c; ¼ lb. 75c. Postpaid.

**WHITE EGG.** Ready for the table in 55 days. Tops erect, fairly compact; cut-leaved. Roots white, smooth, grown one-half above ground, egg shaped, 3 inches long; flesh white, firm grained, sweet and tender. Pkt. 10c; oz. 25c; ¼ lb. 75c. Postpaid.



TURNIPS. PURPLE TOP STRAP LEAF



# FIELD GRASS SEEDS

. . . Write for Quantity Prices



RED TOP GRASS

**RED TOP** (Herds Grass). Sow 12 to 15 pounds per acre. This is one of the most valuable and satisfactory grasses in all localities. Thrives on low ground, where water stands late in the season. Red Top should be included in all mixtures intended for permanent pastures or hay. It makes excellent pasturage and is ideal for hay. When well established it spreads and will supplant other grasses. Fine for hillsides, will prevent erosion. Matures at the same time as Meadow Fescue, Orchard Grass, Tall Oats Grass and Timothy. Lb. 50c; 10 lbs. \$4.50, postpaid.

**TALL MEADOW OAT GRASS** (Evergreen Grass). This grass seems to make more leafage and grazing, a larger yield of hay and to keep green longer, both during the winter and summer, than most grasses. It is especially adapted to heavy soils. It withstands heat and drought and the cold of winter; starts very early in the spring and continues late in the fall. For hay it can be cut twice in a season, frequently producing doubly as much hay as timothy. Ripens at the same time as Orchard Grass and Red or Alsike Clover. Thrives on uplands but gives excellent results on nearly all soils and better than most grasses on light and sandy soils. When sown alone, sow 25 to 30 pounds to the acre either in spring or fall. Lb. 60c; 10 lbs. \$5.50, postpaid.

**KENTUCKY BLUE GRASS.** Sow 20 to 30 pounds per acre. There is no better grass for permanent pasture than Kentucky Blue Grass. It is nutritious, palatable and a heavy producer. Except in very light soils it should be included in every mixture. Very hardy, spreads freely, produces abundantly, withstands drought and cannot be tramped out. Lb. 60c; 10 lbs. \$5.50, postpaid.

**WINTER BLUE GRASS** (Poa Bulbosa). "The Grass That Grows When Other Grasses Sleep." Poa Bulbosa reverses the normal order of growth and produces winter grass while other crops are dormant. It is a perennial and distantly related to Kentucky Blue Grass. Cattle eat Poa Bulbosa readily and greatly relish this grass either in the green stage or as dry pasture. Poa Bulbosa can be winter pastured and toward spring the cattle removed to permit the grass to grow to full development when it can be either dry pastured or cut for hay. It supplies winter grazing when all other grasses are dormant. Will not become a pest. Requires no further seeding when once established. Plant in the fall or early winter, seeding at the rate of 25 pounds per acre. Poa Bulbosa can be combined with alfalfa resulting in two crops from the same piece of ground; hay crops in the summer and pasture during the winter. Postpaid, small lot price, 60c lb. Write for quantity prices.

**CRESTED WHEAT GRASS.** Here's a grass that no amount of drought can kill out. If you have real dry land in which you have been unsuccessful in getting a profitable stand of grass or hay, plant Crested Wheat Grass. A little preparation of the soil and the sowing of 15 pounds per acre of this dryland grass will solve the problem presented to you each year by that dry land. Crested Wheat Grass makes a palatable hay, produces well and will not kill out. In spite of the severe droughts in the middle west, Crested Wheat Grass has held its own, producing feed where all other grasses failed. The crop of seed is extremely short this year and our supply quite limited, so order early. This grass is the first to start in the spring and the first to spring to life when fall rains come. It stands the severest cold weather and best of all, the hottest and driest summer weather. Lb. 40c; 10 lbs. \$3.50, postpaid.



CRESTED WHEAT GRASS

**OREGON RYE GRASS.** A rapid grower, very winter hardy, leaves and stems medium fine, stools heavily, has a bright green color. Excellent for pasture or for hay. Plant with Ladino Clover to prevent bloat. Sow 20 pounds per acre. Lb. 35c; 10 lbs. \$3.00, postpaid.

**BROME GRASS.** Will stand drought and produce heavy crops in dry sections and on poor soils where other grasses perish. It is one of the hardiest growers and succeeds on our dry hillsides. Sow 35 pounds per acre. Lb. 50c; 10 lbs. \$4.50, postpaid.

APPROX. 70,000,000 LBS. OF AIR-NITROGEN  
ABOVE EVERY ACRE. THIS IS AVAILABLE  
FREE FOR SOIL AND CROP IMPROVEMENT IF YOU  
**CONVERT LEGUME SEEDS  
INTO FERTILIZER PLANTS**

Inoculating by with  
**NITRAGIN**  
SINCE 1898

ALFALFA  
RED CLOVER  
SWT. CLOVER  
COWPEAS  
PEAS  
VETCH  
A. W. PEAS  
SOYBEANS  
LESPEDEZA  
PEANUTS  
BEANS  
ALL-LEGUMES

## 1945 NITRAGIN INOCULATION PRICES

When Ordering, ALWAYS State Name of Seed

**ALFALFA**  
Sweet, Bur, Hubam Clovers  
Size Retail  
1 bu. ea. ....\$ .50  
2½ bu. ea. .... 1.00

**CLOVERS**  
Medium & Mammoth  
Red, Alsike, Crimson &  
White Clovers  
1 bu. ea. ....\$ .50  
2½ bu. ea. .... 1.00

**PEAS (All Varieties)**  
**VETCHES (All Varieties)**  
100 lb. size (Inoculates up  
to 100 lbs.) ea. ....\$ .50  
1200 lb. size ea. .... 5.70  
(12-100 lb. size cans)

**BEANS—Navy, Pinto, Wax,  
String, Kidney, Gr. Northern**  
1 bu. ea. ....\$ .35

**LESPEDEZA** Hulled or Unhulled  
100 lb. size (Inoculates up  
to 100 lbs. seed) ....\$ .50

**PEANUTS, LIMA BEANS,  
COW PEAS**  
Size Retail  
Small (Inoculates up to  
120 lbs. seed) .....\$ .30  
5 bu. ea. .... .55  
25 bu. (one can) ea. 2.50  
30 bu. (one ctn.) ea. 3.25  
(Contains 6-5 bu. cans)

**SOYBEANS (All Varieties)**  
Small (Inoculates up to  
120 lbs. seed) .....\$ .30  
5 bu. ea. .... .55  
25 bu. (one can) ea. 2.50  
30 bu. (one ctn.) ea. 3.25  
(Contains 6-5 bu. cans)

**LUPINES (All Varieties)**  
100 lb. size (Inoculates up  
to 100 lbs. seed) ea. \$ .50

**GARDEN SIZE**  
Garden Peas and Beans  
Sweet Peas, Lupines and  
Edible Soybeans  
Enough for 8 lbs. seed  
Retail Price 10c each.

**NITRAGIN—Oldest and Most Widely Used Inoculator in America**

## FIELD GRASS SEEDS (Continued)

**TIMOTHY, the Most Extensively Grown Hay Grass.** Sow 12 to 15 pounds per acre. For hay, timothy is the best known and most extensively grown of all grasses. A stand is easily established, it is inexpensive to sow, it starts quickly and yields its best crop the year after it is sown, but the following year's crop may be equally as heavy if liberally top-dressed with manure. The yield on good land frequently runs from 1½ to 3 tons per acre. Meadow Fescue or Kentucky Blue Grass, Red Top or Herds Grass and Ladino Clover all mature at the same time as Timothy, and are good grasses to sow with it for hay and pasture. A good mixture is 6 pounds Timothy, 5 pounds Red Top, 7 pounds Meadow Fescue and 4 pounds Ladino Clover. Sow this mixture at the rate of 20 pounds per acre. Price of Timothy is 30c per lb., 10 lbs. \$2.75, postpaid. Write for quantity prices.

**ORCHARD GRASS.** The greatest pasture and hay grass. A very vigorous grower and yields large crops of excellent and nutritious hay, as well as having special value as a pasture grass, furnishing good grazing from early spring till winter. It adapts itself to a variety of soils, provided they are well drained, but succeeds best on loamy uplands or moderately stiff soils, although it does quite well on soils that are inclined to be sandy. A mixture of 15 pounds of Orchard Grass, 12 pounds of Tall Meadow Oat Grass and 8 pounds of Red or Alsike Clover has proved very satisfactory, is recommended for hay and pasture. When sown alone, plant 30 to 35 pounds per acre. In a mixture as above, sow 20 pounds per acre. Lb. 65c; 10 lbs. \$6.00; postpaid. Write for quantity prices.

**ENGLISH RYE GRASS** (Perennial). A quick grower and excellent for pasture or hay. Unlike Oregon Rye Grass, English Rye is a perennial which persists for years. It is a heavy

yielder and of excellent quality as hay. English Rye Grass should be used in every pasture or meadow mixture. Postpaid, small lots price, lb. 50c; 10 lbs. \$4.50. Write for quantity price.

**SUPERIOR REED CANARY GRASS.** This grass is a selection made at Oregon Experiment Station from the common low-land type of Reed Canary Grass. It yields heavy forage crops on higher, better drained soils that get quite dry during summer months. It is perennial, is winter hardy. Starts early in the spring, has excellent seed producing habits. High palatability and nutritive values and matures uniformly for hay and seed. Postpaid, small lot price, \$1.00 per pound. Write for quantity price.

**MONARCH MEADOW MIXTURE.** This is a combination of grasses and clover, ideal for permanent pasture or for hay. Combined the following grasses and clover in perfect proportions: Eng. Rye Grass, Kentucky Blue Grass, Tall Fescue, Tall Oat Grass, Timothy, Alsike, Red and White Sweet Clover, and Orchard Grass. We have sold this blend for years and receive many compliments on the mixture. Plant Monarch Meadow Mixture for a really fine pasture. Lb. 50c; 10 lbs. \$4.50, postpaid. Write for quantity price.

**SUDAN GRASS.** A wonderful quick-growing Summer Hay Grass. An annual with short fibrous roots that are killed by frost. Because of this characteristic, Sudan Grass will never become a pest as will Johnson Grass. Its greatest value is for hay, which is well liked by stock—the entire plant, leaves, stems and heads, is eaten. Sow 5 to 6 pounds to the acre in 2-foot rows; 20 to 25 pounds broadcast. By mail postpaid, lb. 35c; 5 lbs. \$1.50. Write for quantity prices.

## ALFALFA and CLOVER SEEDS



LADINO CLOVER

### CLOVERS

**RED CLOVER.** The standard clover for all purposes. Makes an excellent hay when mixed with timothy. Succeeds well on most any soil. Inoculate seed before planting and you'll be sure to get a stand. Lb. 70c; 10 lbs. \$6.50, postpaid. Write for quantity prices.

**ALSIKE CLOVER.** This is a perennial adapted for hay or pasture. A valuable crop for bee pasture. Does well either on poor dry soils or in wet rich soil. Being finer, brighter and not so dusty. Alsike hay is preferred to Red Clover. Inoculate all clovers and be sure to get a stand. Lb. 70c; 10 lbs. \$6.50, postpaid. Write for quantity prices.

**ALSIKE-TIMOTHY MIXTURE.** Many farmers plant this mixture because of its economy. We offer a blend which will run about 90% Alsike Clover and 10% Timothy for considerably less than the regular price on straight Alsike. If interested please write for prices and sample.

### LADINO CLOVER

#### A Favorite Among the Clovers

**LADINO CLOVER** will pasture more cattle and hogs than any other clover with the possible exception of Strawberry Clover which is fast coming into importance as a clover pasture crop. Ladino is perennial, heavy producing and very palatable. It grows 12 to 18 inches tall. Ladino increases milk flow, improves soil, will thrive on shallow moist soils and is the first clover to awaken in the spring and the last plant to quit in the fall. Prepare a fine seed bed and sow the seed at the rate of 6 pounds per acre. Cover lightly with a brush harrow. If you use a sloping tooth harrow, set the teeth back to the limit to void covering too deeply. To prevent bloat include grasses such as Rye Grass, Orchard Grass or Fescue. Prices: Blue Tag, \$2.90 per lb.; Red Tag, \$2.80 per lb.; Pasture grade (contains Alsike Clover), \$2.25 per lb. Prices postpaid. Write for quantity prices.

**WHITE BLOSSOM SWEET CLOVER.** Sweet clover is one of the most important soil improving crops. Withstands adverse conditions of soil and weather better than alfalfa and red clover. Does not winterkill. Produces more on this land than alfalfa and red clover and is equal to alfalfa and red clover in nutritive value. Sow it on lands too poor, too worn out, too sandy for other crops and bring the land into condition to produce profitable crops. Make the seedbed fine and compact and cover the seed lightly. Inoculate with Nitragin, listed below. Plant 20 pounds to the acre from February to March. We offer only scarified, hulled, fancy seed, free of dodder, of high purity and germination. Prices postpaid: Lb. 40c; 10 lbs. \$3.50. Write for quantity prices.

**CRIMSON CLOVER.** Very productive and greedily eaten by cattle. An annual clover. Remains green longer than Red Clover and is excellent for bee food. Largely used for green manuring. Sown in August it may be plowed under the following June. Sow 15 lbs. per acre. Per lb. 35c; 10 lbs. \$3.00, postpaid. Write for quantity prices.



# ALFALFA AND CLOVER SEEDS (Continued)

**LOTUS CORNICULATUS** is a stranger to most farmers. Because it is a stranger to you does not mean that it is not deserving of your very serious consideration. This legume plant is called by some, "The Jungle Plant" because of its profuse growth. Lotus is a long-lived perennial which starts growing early in the spring and produces throughout the season until late fall. In our valley it yields heavy hay crops and will equal alfalfa in nutrition and yield. It will grow in more acid soil than alfalfa and thrives in fields with poor drainage, where alfalfa will not grow. In addition, close pasturing kills alfalfa, whereas Lotus thrives under this treatment.

**LOTUS** is relished by all classes of livestock. It grows on wet land, on irrigated land, or on land too dry for alfalfa. However, it is not a dry land or desert plant. It grows exceedingly well in black gumbo or sticky soil. It outyields Ladino on many farms and does not frost down as early in the fall. Lotus will grow with much less moisture than any other irrigated pasture plant and on the other hand it will grow in swales with the cat tails and tules.

Be sure to give Lotus a trial—you'll be a Lotus booster once you become acquainted with its fine habits and its possibilities as a hay or pasture legume of high yield.

**CULTURE.** We recommend five pounds of seed per acre, sown in the early fall or early spring. Plant as you would clover in your section. Be sure to inoculate seed before planting. When used for hay we suggest planting it with Timothy, Tall Fescue, Orchard Grass or Perennial Rye Grass to help hold up the Lotus and prevent bloating. A few pounds of Lotus scattered on your old meadow should establish a stand after the second season. Can be planted with a grain nurse crop. Do not plant too deeply. Lotus will never become a pest for it is easy to eradicate.

Chemical analysis of Lotus Hay shows it to be on a par with the very best alfalfa.

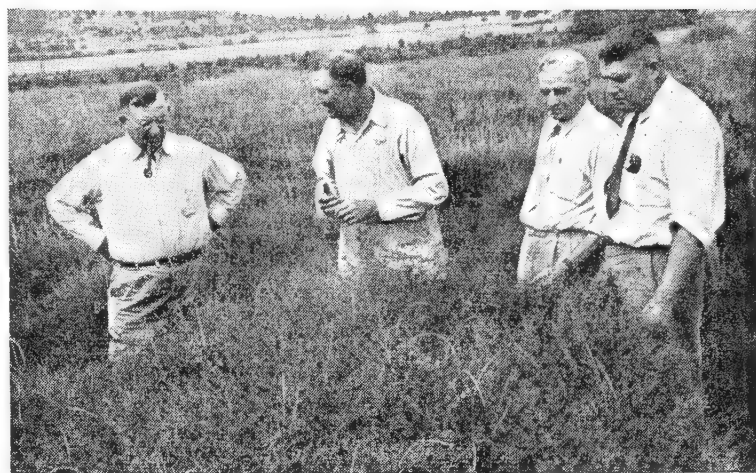
	Lotus	Alfalfa
Protein .....	14.24%	14.70%
Fat .....	2.90%	2.00%
Fiber .....	29.60%	29.00%
Calcium .....	1.10%	1.43%
Phosphorus .....	.28%	.25%

Prices: \$2.75 per lb. in 1 to 10 lb. lots; 10 to 25 lb. lots, \$2.50 per lb., postage paid. Write for quantity prices and further data.

**STRAWBERRY CLOVER.** This clover is a perennial, low-growing, pasture legume, spreading vegetatively by creeping stems that root at the nodes. The leaves, stems, and habit of growth are somewhat similar to White Clover, making it generally difficult to distinguish, when not in bloom, from certain types of White Clover. The tolerance of Strawberry Clover to seeped, saline and alkaline soils containing concentrations of salts that inhibit the growth of most other crop plants is of particular importance. The growth of this clover is not limited to salty conditions, as it will thrive on low, wet, non-saline soils as well. Although it will live on relatively dry conditions and will survive short periods of drought the clover will not make sufficient growth to warrant its use on dry lands. Seed early in the spring on a firm, moist seed bed. Sow 4 to 5 lbs. seed per acre and cover lightly. Once a stand of Strawberry Clover is established it will stand unlimited pasturing without damage, differing greatly in this respect from ordinary clovers in that they will thin out under heavy grazing while Strawberry Clover will thicken up and hold fast to the ground. Prices: Fancy seed, \$1.65 per lb.; 10 lbs., \$15.00, postpaid. Write for quantity prices.

## ALFALFA SEED

**LADAK ALFALFA.** This comparatively new variety gives promise of becoming popular and rightly so for it has developed that Ladak is ideally adapted to dry soils which cannot successfully grow the more common varieties. Ladak Alfalfa will produce one heavy crop on dry soils, after which, in case the moisture is not sufficient to continue its growth, it will survive through the season to come again after winter rains have



The late Prof. G. R. Hyslop, chief of Farm Crops Department, Oregon State College. C. C. Hoover, Lotus grower. County Agent R. G. Fowler and Prof. H. A. Schoth, Forage Crops Investigator, U. S. D. A. inspecting field of Lotus.



Mr. Eugene Thorndike, Manager Medford Branch First National Bank in seed-field of Lotus. Note dense growth of crop.

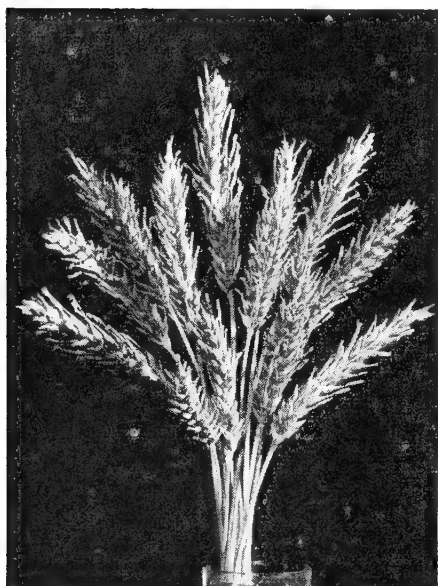
revived it. Other varieties of alfalfa will almost completely die out but not so with Ladak. It may appear completely dead, but will come again, when fall rains bring moisture. Ladak is likewise strongly resistant to freezing. In many tests Ladak has proved superior to all others for the cold and dry conditions found in the northern Great Plains areas and it has also given good results under irrigation in the Northwest. If you desire further information on Ladak alfalfa write us for descriptive bulletin. Lb. \$1.10, postpaid. Write for quantity prices.

**GRIMM ALFALFA.** The hardiest of all alfalfa and will stand the severest winters of our mountain sections. It has a branching root growth that gives the plant a firm hold on the soil and prevents heaving by frequent freezing and thaws, and also adapts it to shallower soils. If your soil has a hardpan near the surface, or if your farm is in the mountain section, it will pay you to give Grimm the preference. Being short rooted, Grimm will thrive on soils where the water table is close to the surface. Grimm is very leafy and fine stemmed and is preferred by most hay buyers. Sow Grimm 8 pounds per acre after frost danger is over. Fertilize with Soil Sulphur or Superphosphate for bumper crops the first season. We handle only State Sealed and Certified Grimm seed. Lb. \$1.10; 10 lbs. \$10.00, postpaid. Write for quantity prices.

**COMMON or CHILEAN ALFALFA.** This is the popular long-rooted variety so universally grown. Best adapted to deep soils. We handle only the hardiest types of Chilean, selecting our seed from growing districts which produce seed of true type. Our mountain grown seed will produce stands of longer duration and prove more profitable to plant. Lb. 75c; 10 lbs. \$6.50, postpaid. Write for quantity prices.

## Quality

WHAT DOES  
IT MEAN?



UNION BEARDLESS

*Union  
Beardless  
Barley*

Quality in seed grain is reflected in heavier crops. Quality seed, seed that is free of weeds and inert material, is bound to give you greater returns per acre in yield and if you harvest a clean crop suited to seed purposes you are naturally going to secure a premium when you sell. We offer only the best in varieties. Because of our modern cleaning facilities you are also assured the cleanest and highest quality seed grain.

"NOT A BEARD IN A BUSHEL." This is no exaggeration, for the seed we offer came to us direct from the Experiment Station at Union, Oregon, where this variety originated. This stock seed was in turn placed in the hands of one of Southern Oregon's most careful seed growers who produced from the original seed stock, the seed we offer you. Inspection of the growing crop convinced us that we at last had really obtained what could be truly sold as Beardless Barley for scarcely a beard was visible in any given area or section of the field.

UNION BEARDLESS BARLEY is leafy thus lending itself suitably for hay. It is heavy yielding both in straw and grain. The yield of threshed grain went 89 bushels per acre. Union did not lodge and the straw is soft and heads well filled. If you are seeking a truly beardless barley you'll make no mistake in planting UNION BEARDLESS. Union Beardless is twice proved for Southern Oregon and Northern California. First at Talent, Oregon, in the Southern Oregon Trials and the following year by our grower, Mr. O. H. Bohnert of Central Point, Oregon. Write for prices and sample of our Blue Tag certified seed.

### BARLEY

**VELVON.** A new, heavy-yielding, non-lodging strain of bearded barley. Velvon is winter hardy or yields well, spring planted. Because of its upright growing head Velvon does not lodge as do other barleys. Velvon produces heavy, plump, white kernels and its beards are almost entirely awnless. In Talent Trials, planted in the spring of 1942, Velvon yielded 102.5 bushels per acre. Planted as late as May 4, 1943, this barley yielded 83.4 bushels per acre. We offer Blue Tag Certified seed. Write for prices.

**HAANCHEN.** Best adapted for spring plating. Used as brewing grain. A good yielder on heavy soil. Haanchen threshes out beard-free and is very popular with feeders by reason of the low fibre content. Haanchen is the heaviest weight barley grown. Not recommended for fall sowing. Write for prices.

**TREBI.** A winter-hardy, heavy yielding variety for Southern Oregon. Suited and recommended for spring sowing in colder areas. Trebi yielded 104 bushels per acre at the Southern Oregon Trials at Talent, Oregon. Trebi is very heavy, white in color with a thin hull. Trebi has been successfully grown in Southern Oregon as well as Eastern Oregon and is recognized as one of the heaviest yielding bearded strains of barley. Write for prices.

### OATS

**KANOTA.** Still the favorite red oat because of its early maturity and heavy yielding qualities. Not particularly suited for fall planting. We recommend Black Swedish or Winter Gray Oats for fall sowing. Write for prices.

**WINTER GRAY OATS.** Best suited for fall planting. Heaviest yielding oat for hay but matures later than Kanotas. Very leafy with slender stalks. We do not recommend Gray Oats be planted with alfalfa as they are not substantially developed when the first cutting is taken off. Black Swedish or Kanotas would be best for the purpose. Write for prices.

**BLACK SWEDISH.** Very heavy yielding. Suited best for planting with vetch in the fall as it matures evenly with the vetch. Also fine for spring planting. Bears large kernels, produces abundance of hay, stems coarse but tender and sweet. Heaviest yielding oat for hay. Write for prices.

### WHEAT

**WHITE FEDERATION NO. 38.** (Rust-resistant) Introduced by us in 1941, it proved all that was claimed for it. Heavy-yielding—1942 Talent Trial yield was 72 bushels per acre. Planted on May 4, 1943, this variety yielded 52 bushels per acre without irrigation. Highly resistant to stem rust and bunt smut. Gaining in popularity each year. Beardless variety. Write for prices on Blue Tag Certified Seed.

**REX M-1.** Strictly a wheat for fall planting. Do not plant in spring. Rex M-1 is a beardless, white, semi-soft wheat of heavy yielding tendencies. Planted in the fall of 1943 in Talent Trials, Rex M-1 yielded 55.8 bushels per acre. Our seed is of highest quality, free of admixtures. Write for prices.



Southern Oregon Trials at Talent, Oregon. Picture portrays a portion of the trials through which is revealed the true yield and qualities of various crops and proof of their adaptability to Southern Oregon and Northern California growing conditions.

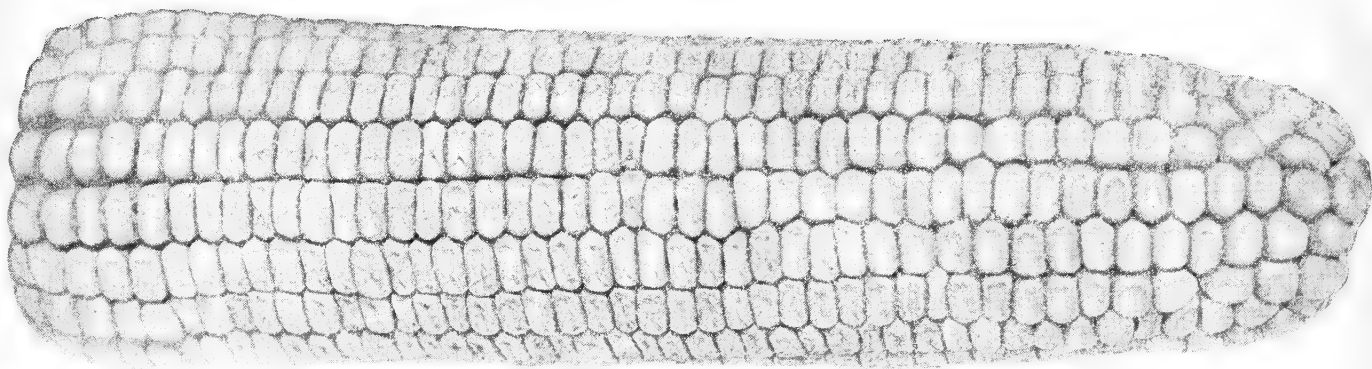


# HYBRID FIELD CORN . . . . .

THE AGRICULTURAL  
SENSATION OF  
OUR CENTURY

## HYBRID CORN

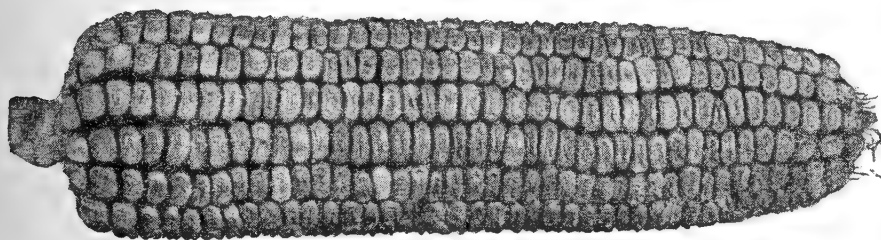
OUTYIELDS,  
RESISTS HEAT  
AND DROUGHT



We venture the guess that 95% of all corn planted in Southern Oregon is Hybrid corn. When first introduced Hybrid corn varieties were held as an experiment and many growers were reluctant to do more than just try them out. Hybrid corn proved a sensation in our area right from the start. Heavier yielding, more drought resistant, more foliage, deeper root growth . . . all tended toward its popularity, almost instantly. Open-pollinated corn has been practically eliminated from the picture . . . HYBRIDS ARE IT!

**IDAHYBRID No. 416. A Proved Master Hybrid.** Idahybrid No. 416 is still our favorite. We introduced it four years ago after trials proved it adaptable to our section and No. 416 hasn't let us down. Proof of its high yielding ability is shown in the Oregon Extension Field Trials. It is a top producer. You are not experimenting when you plant Idahybrid No. 416. Postpaid, per lb. 30c; 10 lbs. \$2.50. Write for quantity prices.

**IDAHYBRID No. 544.** Idahybrid No. 544 is a top-yielding corn which matures just a trifle earlier than No. 416. As far as yield is concerned, there is very little difference. Our customers' experience with No. 544 leads us to conclude that it is probably better adapted to lighter soils than 416, although it does well on all types. As is the case with most all hybrids, No. 544 is ideal for silage, producing heavier yields of ensilage than open-pollinated sorts. Postpaid, per lb. 30c; 10 lbs. \$2.50. Write for quantity prices.



IDAHYBRID Field and Sweet Corn is grown for us under the supervision of hybridizing experts who demand exacting and meticulous work on the part of field crews. This is a detasseling crew at work in a field of IDAHYBRID No. 416.

**WISCONSIN No. 695.** Wisconsin No. 695 was the highest-yielding grain type hybrid field corn in the 1940 Extension Trials. It also performed well in the 1941 trials. Probably the earliest maturing variety yet tried in Southern Oregon. This variety also surpassed most other varieties in the trials for percentages of corn shelled out. If you want an early maturing hybrid plant Wisconsin No. 695. Postpaid, per lb. 30c; 10 lbs. \$2.50. Write for quantity prices.

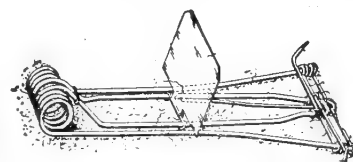
**IDAHYBRID No. 680 SILAGE CORN.** If you are after maximum yields for silage plant No. 680. It outyields all others in green growth and actual ears of grain. Does not lodge and is easily cut with binder. Grows to uniform height, resists cold, drought and heat. Postpaid prices: Per lb. 30c; 10 lbs. \$2.50. Quantity price on request.

### WHY PLANT HYBRID CORN?

- Stiff stalks—large roots—hold it straight in wind or hail—thus easier picking by hand or machine.
- A vigorous grower under good or poor soil and weather conditions.
- It yields 20 to 30 bushels MORE per acre.
- Stalks stay green after corn is ripe.
- You can grow more and better corn on fewer acres.

### MACABEE GOPHER TRAP

There are more Macabee traps sold than all other makes combined. They are inexpensive and very efficient. Designed for exterminating the wily Pocket Gopher. Weight 1/2 pound.



Price,  
35c each  
postpaid.



### ROOT MAGGOT CONTROL VEGETABLE SPRAY

For 30 Years the Most Effective for the Protection of Cabbage, Turnips, Cauliflower, Beets, Radishes, Onions, Etc.

Begin using "CARCO" early in Spring and through Summer  
1/2 Pint, 50c; Pint, 75c; Quart, \$1.25. Larger sizes priced depending on availability of containers.

# MISCELLANEOUS SUPPLIES

## New Improved CERESAN—for Seed Grains



New Improved CERESAN is unusually effective for controlling bunt or stinking smut of wheat, loose and covered smuts of oats, covered smut and stripe of barley, and seedling blight caused by seed-borne scab. It costs but 1 1/8 to 2 1/2 cents a bushel of seed, as only 1/2 ounce of dust is used. Is easily and quickly applied—requires only twenty revolutions in a rotary treater or three turnings with the shovel. It is non-injurious to the drill. Frequently improves the stand of grain and increases yields. Reduces losses from smut and dockage. Cannot be mailed.

Prices: 1-lb. tin, 80c; 8-lb. tin, \$5.40.

Caution—Treat 24 Hours Before Using.

## New Improved SEMESAN BEL for Seed Potatoes

This easy potato dip disinfectant lowers the cost and improves yields. Just dipping seed potatoes in SEMESAN BEL solution eliminates such diseases as scab, rhizoctona and black leaf. Improves germination and produces bigger crops. One pound treats 70 to 80 bushels of seed.

Prices: 2-oz. envelope, 30c; 1 lb. \$1.65; 4 lbs. \$5.70; 25 lbs. \$33.25, not prepaid. Pamphlet free.



## New Improved SEMESAN JR.—for Seed Corn



A simple, quick, inexpensive dust treatment with SEMESAN JR. destroys harmful disease organisms on the seed, protects seed from rotting in cold, wet soil, controls seedling blight, reduces root and stalk rots, and generally increases crop yields. Harmless to seed corn. Does not slow up rate of drop. Only 2 ounces necessary per bushel of seed field or sweet corn. Costs only 2 1/2 cents an acre.

Prices: 1 1/2 oz. pkg., 15c; 12 oz. can, 56c; 6 1/4 lb. can, \$3.75. Cannot be mailed.

## SEMESAN—for Flower and Vegetable Seeds



Diseases carried on the seed often reduce germination and cause a poor stand, lowered quality, and unsatisfactory yields. Destroy these disease organisms without injuring the seed by treating your seed, bulbs, roots, corms and tubers with SEMESAN. Easily and quickly applied as a dust or liquid. Effective in controlling damping-off of seedlings. Costs 1/4 to 1 cent a pound as one ounce treats 15 to 30 pounds of seed. Not mailable.

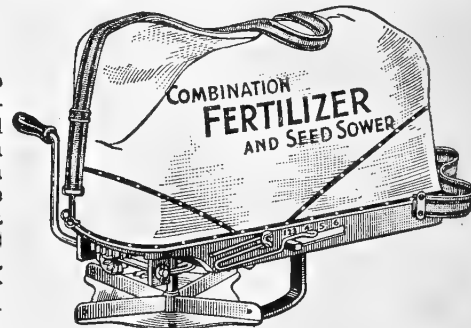
Prices: 2-oz. tin, 40c; 12-oz. can, \$1.88; 4-lb. can, \$9.10; 25-lb. pail, \$52.50.

## COMBINATION FERTILIZER and SEED SOWER

This Dual Purpose Machine is designed with extra heavy gears and brass bushed bearings for hard service and long wear.

### SPECIAL VALUE TO FARMERS—

It is of special value to farmers who wish to apply their fertilizer or seed early in the spring when the soil is still wet from early thaws. It can be used anywhere that a man can walk, since it is carried by means of a strap over the shoulder of the operator. It is especially useful on steep, rough, irregular grass lands. Then, too, the proper time for such fertilization comes so early that the soil is usually too wet for the use of a team or tractor.

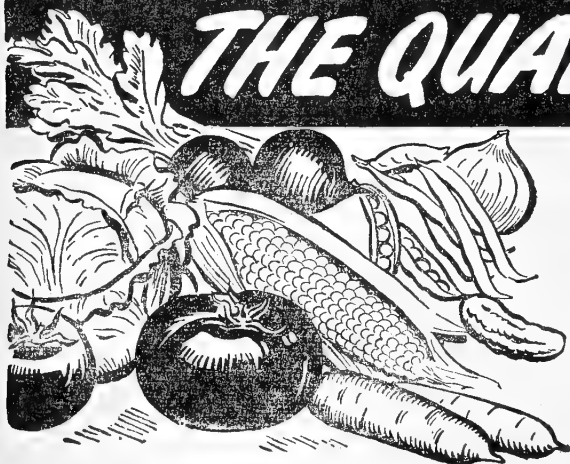


### SOWS ANY KIND OF SEED AS WELL AS FERTILIZER—

The Combination Sower also broadcasts all kinds of seed, such as clover, timothy, millet, sudan grass, alfalfa, wheat, etc., perfectly in desired amount per acre.

Packed 1 in a shipping carton. Price \$4.00. Shipping weight each 7 lbs. \$4.25, postage paid.

# Proper Feeding brings out THE QUALITY BRED INTO SEED!



We offer seed of the finest quality in this catalog. Every variety has been tested and selected according to rigid standards. This seed, properly planted, cultivated and fed will help you grow lovely flowers, lawns and fine, mineral-rich vegetables.

Proper plant feeding is important!

Plants require many different plant food elements from the soil just as all humans require a variety of minerals, vitamins and other nourishment factors in their diet. But plants can't pick up and move if the soil does not supply their needs. They must depend on your supplying their needs. That's why gardens fed regularly with VIGORO do so much better. Vigoro is a complete plant food. It is a square meal for all plants.

Include Vigoro on your seed order and enjoy the full benefits of good seed plus complete plant feeding. There are two Vigoro products, both complete plant foods.

### VIGORO

for lawns, flowers, shrubs and trees

100 LB. BAG.....	\$3.50
50 LB. BAG.....	2.30
25 LB. BAG.....	1.40
10 LB. CARTON.....	.70
5 LB. CARTON.....	.45
1 LB. CARTON.....	.10

### VIGORO

for vegetable gardens

100 LB. BAG.....	\$3.70
50 LB. BAG.....	2.35
25 LB. BAG.....	1.45
10 LB. CARTON.....	.80
5 LB. CARTON.....	.50



## VIGORO and VIGORO VICTORY GARDEN FERTILIZER Complete Plant Foods



# GARDEN PESTICIDES

## FOR INSURANCE AGAINST PEST DAMAGE

### MULTI-PURPOSE SPRAY SET



For Use Against

#### More Prevalent GARDEN INSECTS

Set contains 4-ounce bottle of **EXTRAX** Insect Spray, **GREENOL** Liquid Fungicide and **VOLCK** Oil Spray. Mix all 3 sprays in the same water and in one application treat against many insects and diseases in the garden. Set makes 25 gallons combination spray at normal dilution .....\$1.85

### MULTI-PURPOSE BAIT

For Use Against

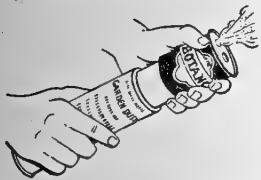
#### PRINCIPAL FORAGING PESTS

Slugs, cutworms, snails, sowbugs, earwigs, grasshoppers, strawberry root weevil. Baiting against these pests is easy with the new **BUG-GETA** PELLETS Compressed BAIT. (A Metaldehyde-Arsenical Bait.) 5000 baits in a 2 pound carton.

12-oz. Carton.....25c 5-lb. Carton.....\$1.00  
2-lb. Carton.....50c 25-lb. Bag.....\$3.60



### MULTI-PURPOSE DUSTS



**BOTANO Garden Dust.** For general garden use against many insects and diseases. Dusting is preferred by many, particularly on vegetables. One of the safest

multi-purpose dusts that can be used. 10-oz. size is Dual Purpose package which also serves as a handy garden duster.

8-oz. Shaker.....35c 1-lb. Pkg.....\$ .50  
4-lb. Pkg.....\$1.10  
10-oz. Duster (Contains **ROTENONE**).....49c

**CALTOX Garden Dust "525".** Used throughout the garden, but especially useful on Tomatoes, Potatoes, Cucumbers, Squash, and Melons, against Flea Beetle, Diabrotica or Cucumber Beetle, Potato Beetle, Tomato Worm, Early and Late Blight. Contains Cryolite, Copper and Zinc. 10-oz. Dual Purpose package.....49c

### OIL SPRAYS

**VOLCK Oil Spray.** Envelops, penetrates and smothers many sucking insects such as certain Scale Insects, White Fly, Mealybug, and Red Spider. Also a spray carrier for other sprays.

4-oz. Bottle.....25c 1-pint Bottle.....50c  
1-gallon Can.....\$2.25

**KLEENUP Winter Spray.** An emulsive Oil Spray for use against certain Scale Insects during dormant season. Use with Bordeaux Mixture against Peach Leaf Curl and Peach Blight.

1-pint Bottle.....39c 1-gallon Can.....\$1.00  
5 Gallons.....\$4.95

### WEED KILLER

**TRIOX Weed Killer.** Poisons soil and prevents weeds from growing. Use on driveways, walks, and other places where no vegetation is wanted.

1-qt. Can.....75c 1-gallon Can.....\$2.25

### ANT POISON



**ANT-B-GON Ant Poison.** The ANT-B-GON Dispensers are easy to refill. Ants feed from the "WICK"... Can't get inside. One or two sets of Dispensers are enough for the average home. For

Argentine and Sweets-eating ants.  
Set of four 1-oz. Dispensers.....60c  
Ant Poison to refill dispensers:  
4-oz. Bottle.....20c 1 pint.....50c  
1/2 gallon.....\$1.50

### INSECTICIDES

**EXTRAX Insect Spray.** Kills by contact. Used against many sucking and chewing insects such as Aphis, Beetles, Caterpillars, Thrips, on Vegetables and Ornamentals. Economical... General dosage is one teaspoonful to gallon of water.

1-oz. Bottle.....\$ .35 1 Pint.....\$2.75  
4-oz. Bottle.....\$1.00 1/2 Gallon.....\$7.95

**CALTOX Insecticide Dust.** Contains Cryolite and Thiocyanates. Used against Diabrotica and certain other Beetles, Worms, Sowbugs.

8-oz. Shaker.....35c 20 ozs.....60c  
4 lbs. ....\$1.10

**ORTHO Calcium Arsenate.** A strong stomach poison suitable for spraying or dusting.

1 lb.....25c 4 lbs. ....90c

**ORTHO Basic Lead Arsenate.** A stomach poison for use as a spray or dust to control chewing insects such as certain Beetles, Caterpillars (as Oak Moth), Worms on Apples, Pears and other plants, and Sod Webworm in lawns.

1 lb.....35c 4 lbs. ....90c

**ORTHO Standard Lead Arsenate.** For same uses as ORTHO Basic Lead Arsenate except that in certain sections it cannot be used as safely.

4 lbs. ....90c



**EARWORMICIDE.** To keep worms out of sweet corn, make one treatment when silk begins to wilt. 4 ozs. treats 120 ears.

2-oz. Bottle with applicator.....35c  
4-oz. Bottle.....35c  
1 pint.....75c  
1/2-gallon Bottle.....\$1.80

### FUNGICIDES

**GREENOL Liquid Fungicide.** A copper fungicide used to prevent Powdery Mildew. Contains spreading and wetting agents and mixes with EXTRAX Insect Spray for making a combination treatment against insects and diseases.

1-oz. Bottle.....35c 1 pint.....\$1.50  
4-oz. Bottle.....60c 1/2 gallon.....\$3.95

**"ORTHO" BORDO Mixture.** Prepared Bordeaux Mixture used to control fungus diseases such as Peach Leaf Curl, Peach Blight, Pear Scab.

1 lb.....35c 4 lbs. ....90c

**FLOTOX Garden Sulfur.** Finely powdered... Used either as a dust or spray to control Powdery Mildew, Scab and certain other diseases.

26 ozs. ....25c 4 lbs. ....50c

### ORTHO ROSE SPRAY KIT

Special Combination Offer. Contains 2-oz. bottle "EXTRAX" for Aphis and other insects and 2-oz. bottle "GREENOL" to prevent certain Powdery Mildews. Makes 12 gallons spray. Used for vegetables too.

Each Kit.....\$1.00



### SOIL INSECTS

**ORTHO Soil Fumigant.** A new "ORTHO" development designed to control certain soil inhabiting insects which attack roots. Used primarily against garden Centipedes, Cabbage Maggots, Onion Maggots, Wireworms. Also for fumigating soil in seed beds.

4-oz. Bottle.....35c 1 pint.....\$1.00

### EARWIGS

**ORTHO Earwig Bait.** Prepared on a government formula. Earwigs can become a menace to health through food contamination and should be controlled at first sign of an infestation. First brood usually appears in April, May or June.

2 1/2 lbs. ....50c

### RODENT CONTROL

**ORTHO Rat Bait Pellets.** Ready-to-use Red Squill Bait which are relatively harmless to humans and domestic animals. Poisoned Rats seek underground burrows before dying.

2-oz. Carton.....25c 6-oz. Carton.....50c

**ORTHO Rodent Destroyer.** Kills Gophers, Squirrels, Prairie Dogs, Rats, Mice. This bait is poisoned with strychnine by a special solvent process to assure lasting potency.

6-oz. Carton.....30c 1-lb. Carton.....60c  
5-lb. Carton.....\$2.25

### DOG REPELLENT

**SCRAM Dog Repellent.** A special powder used to keep dogs away from shrubs, flowers, lawns, store fronts, porches, etc. Easy to use. Does not harm animals.

8-oz. Shaker.....49c



### PRUNING PAINT

**CONTAX Pruning Paint.** Protect cuts and tree wounds with this modern plastic pruning and grafting composition. Also has many other uses.

1 pint.....35c 1 gallon.....\$1.50

## ASK FOR FREE ORTHO GARDEN SPRAY GUIDE

CONSULT US FOR THE BEST VARIETIES OF VEGETABLES TO PLAN FOR ASSURED SUCCESS



## Miller's GARDEN COMPOST MAKER

5 lbs. 25 lbs.  
**79c \$2.50**

★ CONVERTS RUBBISH INTO FERTILIZER

★ USES GRASS CLIPPINGS, LEAVES, WEEDS, ETC.

A 5-lb. package of Miller's Compost Maker will make several hundred pounds of high-grade, organic humus fertilizer by converting your garden refuse into a rich organic humus compost.



**RODUSTO** Insecticide-Fungicide. Dust or Spray. Contains activated Rotenone, micron-size Sulphur and Copper. Flea Beetles, Aphids, Cabbage Worms, Thrips.

1 lb., 80c — 5 lbs., \$2.50

**ROTENOL** Insecticide. Liquid. Controls hard-to-kill insects — Gladiolus Thrip, Red Spider, Aphids.

1 oz. 35c — 4 oz. \$1.00.

**CALOMAG** Controls Cabbage Maggots. One teaspoon around base of seedling cabbage or cauliflower when transplanted to garden.

10 oz., 49c — 20 oz., 79c

**FUNGICIDE** Dust or Spray. Contains Micronized Copper and Micron-size Sulphur. Better coverage—Better control. Powdery Mildew, Black Spot, Blight, Rust.

1 lb., 60c — 5 lbs., \$1.49

**WEED KILLER** Liquid Sodium Arsenite. Kills weeds in lawns, driveways, tennis courts, paths, etc.

1 qt., 75c — 1 gal., \$1.80

Write for **FREE GARDEN BOOKLET**  
Describing and Illustrating Insects and Fungus Diseases



## HASTINGS SOIL-SOAKER

Made of canvas — scientifically treated to resist mildew. **SOIL-SOAKER** is open only at one end and screws to the end of the water hose, replacing the nozzle. When the water is turned on, **SOIL-SOAKER** fills with water and normal pressure forces water through the pores of the entire

surface, uniformly, without spray. Easily moved without shutting off water, or getting wet. Self-cleaning. The soil is soaked deeply and thoroughly, covering an area on all sides of the **SOIL-**

**SOAKER.** Far more beneficial than light surface-sprinkling. Puts the moisture down into the soil. Avoids water waste.

**SOIL-SOAKER** enables you to put the water exactly where you want it—none sprayed on walks, driveways or other places you do not want to reach. Excellent for irrigating around plants where moisture is apt to damage foliage. Water deep with a **SOIL-SOAKER.** Two lengths. 18-ft. \$1.85, postage paid; 30-ft. \$2.85, postage paid.



## ANTROL Kills Sweet and Grease Eating Ants

A SCIENTIFIC METHOD, SAFE, SURE, PERMANENT

Antrol is easy to use, economical, safe around children and pets. Consists of small glass containers from which worker ants carry special Antrol Syrup to their nests for food. The ant family is often killed at the source—the only way to get permanent relief. Controls both sweet and grease-eating ants. Guaranteed. Proved in over a million homes. Prices: Antrol Ready-filled set, contains 4 filled feeders, 50c; Antrol Regular Set, 4 containers and 4-oz. bottle syrup, enough for 2 fillings, 75c; Antrol Syrup for refilling, 4-oz. bottle, 30c. Pint bottle, 60c. Prices postpaid.



**SAFE TO USE AROUND CHILDREN AND PETS**  
Can be used inside or outside the house.



### ANTROL ANT TRAPS

Kills both sweet and grease eating ants, contains two kinds of specially prepared material. Each 10c, postpaid. Can be used inside or outside the house.

### SNAROL

#### Metaldehyde-Arsenical Bait

Attracts and kills snails and slugs. Snarol may also be used to control Sowbugs, Cutworms, Earwigs, etc. A ready-prepared bait meal that is non-injurious to vegetation when used as directed. Retains its effectiveness for from five to ten days after being put out. 1-lb. packages, 25c; 2½-lb. packages, 50c; 6-lb. packages, \$1.00; 10-lb. bags, \$1.50; 50-lb. bags, \$5.50. Postage extra.



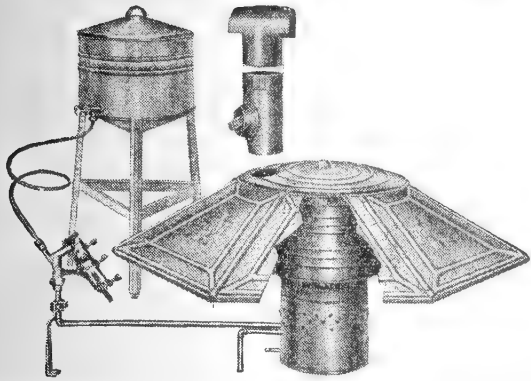
### ANTROL SOWBUG-CUTWORM CONTROL

An especially prepared bait made very attractive to these hard to control pests and used by commercial and home gardeners everywhere. Guaranteed to give satisfaction. Packed in cans with convenient pouring spout. 8 oz. can, 35c. Prices postpaid.

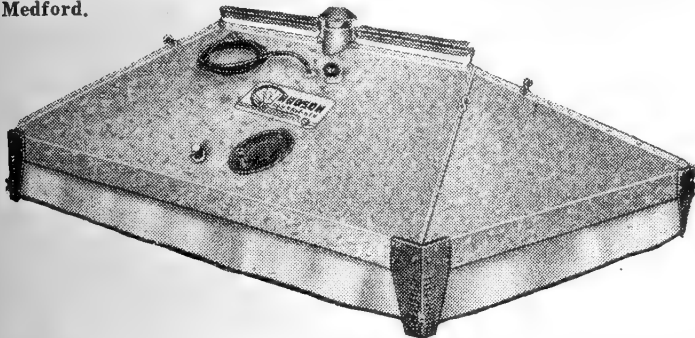


# HUDSON POULTRY EQUIPMENT

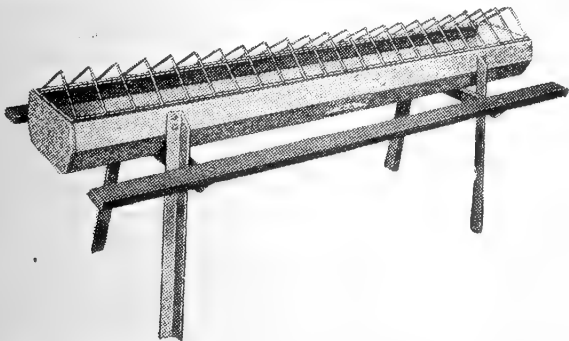
F. O. B. Medford Unless Otherwise Noted.



**No. 256-B "SAFETY-OIL" BROODER.** One of the most dependable Oil Brooders on to-day's market. Equipped with famous "Micro-Tem" valve. The successful performance of any brooder is dependent upon the simple mechanical perfection of its automatic regulating valve. This valve, used only on Hudson Brooders, is individually inspected and tested at the factory. Regulates to the desired degree of uniform heat in actual service. Broods 500-1000 chicks. 54" hover, weight 76 lbs. \$30.35 F.O.B. Medford.



**No. 4872 "LECTRIC-HEN" BROODER.** Two powerful fully enclosed heating elements provide plenty of heat throughout the length of the brooder. Automatic temperature control. Your desired temperature is maintained by a positive thermostat control. Switch is bakelite sealed, protected from dust and moisture. No radio interference. Heavy insulation. Insulation is moisture resisting and helps reflect heat rays downward into brooding area. Handy inspection door. Plenty of room inside. Adjustable legs allow extra head room as chicks grow. Shipped partly set up in carton, complete direction for setting up. Plugs into 110-120 volt A. C. socket. Complete, ready to go. 500 chick capacity. 1100 watts. 48x72". Weight 92 lbs. \$47.55, F.O.B. Medford.



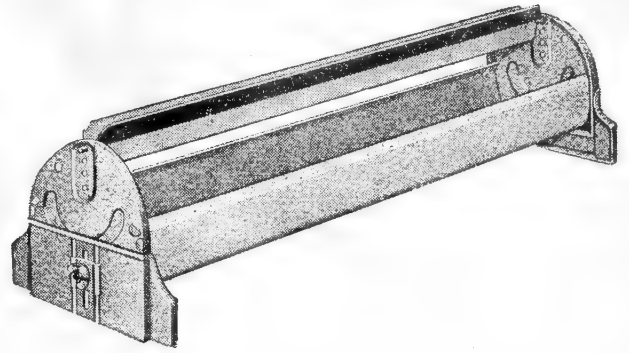
**No. 25-S. HEN FEEDER.** High grade substantial, inexpensive feeder suitable for growing birds and full grown stock. Handles dry mash, grain, shells, grit. Easy to keep clean—easy for hens to clean up feed. Convenient hinged grill. Stiff angle legs are cross-braced to strengthen. Perches mite and waterproof, 16 inches off floor. Plenty of range space for hens below. 5 ft. long. Trough 9 in. wide, 4 5/8 in. deep. Holds 40 lbs. dry mash. Serves 60 hens. Weight 25 lbs. \$5.30, F.O.B. Medford.



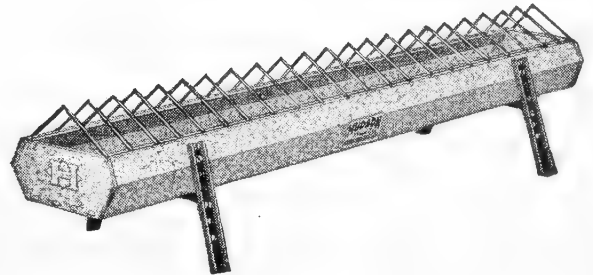
K-5 Fount

## HUDSON DOUBLE WALL FOUNT No. K5

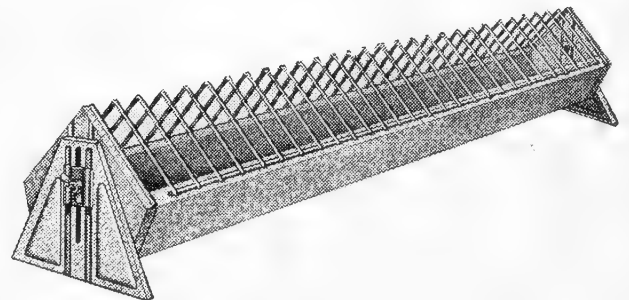
This fountain is a large capacity, inexpensive, yet substantial piece of merchandise. All-brass self-closing valve holds water in tank when jacket is removed for filling. Convenient inside handle for carrying full of water. Capacity 5 gallons. Weight 12 lbs. Each \$4.20, F.O.B. Medford.



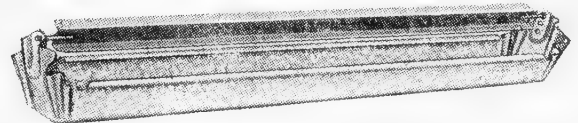
**No. 548 BROILER FEEDER.** Extra large feeder with fully adjustable metal stands and adjustable 4-blade reel. Day-old chicks to well past broiler age. Feeder trough 2 5/8" deep, 4 1/2" wide at top. Welded ends. Length 48". Weight 10 lbs. \$1.70, F.O.B. Medford.



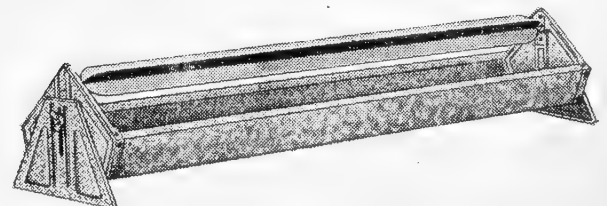
**No. 350 FEEDER.** A popular feeder for growing and grown stock. Capacity same as No. 25-S. Length 5 ft. All edges folded or curled to make smooth sturdy feeder. Fitted with sturdy tinned wire grill. Mounted on 9-in. channel steel legs, braced and supported. Weight 10 lbs. \$3.90, F.O.B. Medford.



**No. 748 BROILER FEEDER.** Chicks two weeks of age until finished broilers. Raise stands as chicks grow. Extra large capacity steel trough 6 1/2 in. top width, 3 in. depth, 1 in. feed saving lip, no rough edges. Hinged grill, wires spaced 1 5/8 in. on center. Welded ends. Weight 15 lbs. \$2.30, F. O. B. Medford.



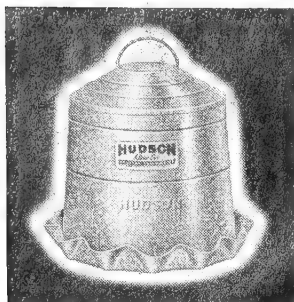
**No. 224 CHICK FEEDER.** Die formed from heavy galvanized steel. Trough 1 3/4 in. deep; 2 5/8 in. bottom width, 4 1/2 in. top width; feed-saving lip. Reel floats in either of two positions on shouldered reel pins. Prevents injured chick toes. 24 in. Weight 2 lbs. 50c each, F.O.B. Medford.



**No. 6360 CHICK FEEDER.** Stands permit quick adjustment of feeder as chicks grow. 4-blade red enameled reel floats on shouldered reel pins. Adjusts to three convenient positions according to chick size. Welded ends. 2 in. deep, 4 in. top width, 3 in. bottom width. Length 36 in. Weight 4 lbs. \$1.00, F.O.B. Medford.

# POULTRY EQUIPMENT

## (CONTINUED)



No. A-8 FOUNTAIN. A handy-fill chick fountain equipped with a snap-on cupped pan. This provides for more drinking space. Chicks do not get wet. The fount is inverted for filling. Can be carried when full without spilling. Capacity 2 gals. Weight 5 lbs. \$1.25, F.O.B. Medford.



Float Valve No. 168

FLOAT VALVE No. 168. Automatically regulates flow of water into a drinking pan or trough. Made of brass. Float and arm may be raised while pan is removed for cleaning. May be used with any type crock, pan or trough. Weight 1 pound. Each \$1.35. F.O.B. Medford.

No. G-25 JAR FOUNT. Galvanized. Screws on any Mason Jar. Electrically welded with wide curled lip on pan edge. 15c each, F.O.B. Medford.



# HUDSON SPRAYERS

A SPRAYER FOR EVERY PURPOSE  
Prices F. O. B. Medford, Oregon



No. 210-G

## HUDSON 210-G "PERFECTION" SPRAYER

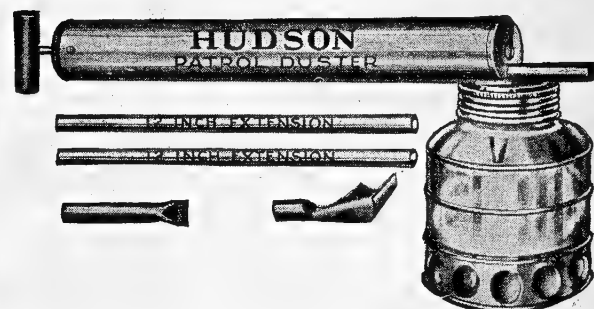
Easy fill, open top makes for ease in filling and cleaning. Hudson engineers have perfected the open-mouth principle of compressed air sprayers to the point where "Perfection" is the last word in tank sprayers. When the pump and top assembly is locked in position on the "Perfection", it is there to stay. So is the pressure in the inside of the tank. Four points of contact insure a positive seal. Equipped with an ingenious eccentric type lock to provide quick, secure locking, or safe, easy release. Made either in galvanized or copper. Shipping weight 13 pounds. Four gal. capacity.



No. 192-G

## HUDSON 192-G "LEADER" SPRAYER

"Leader" is representative of the "most for your money". It is substantially built and will take care of maximum wants around the home garden. An outstanding value in a compressed air sprayer. While the quality of "Perfection" will not be found in "Leader" you'll get much valuable service from it. Capacity 3½ gals., shipping weight 10 lbs. Price each, \$6.40.



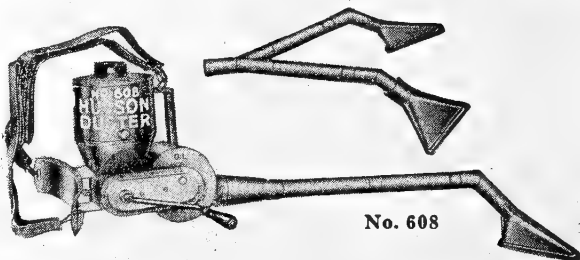
HUDSON "PATROL" DUSTER No. 612. An effective duster for truck gardens and the flower garden. The two 12-inch extensions and two nozzles permit the operator to reach all parts of the plant. Positive force feed construction absolutely prevents clogging. Fitted with special cupped plunger leather. Powder reservoir—glass. Contents always visible. Easy to fill and clean. Capacity one quart, shipping wt. 4 pounds. Price each \$1.30.

210-G—Galvanized tank ..... 9.45

## HUDSON "ROTO-POWER" DUSTER No. 608

We are proud to present the new "Roto-Power" Miracle Duster! Built with new super-power—every atom is delivered in a fine, floating dust. The dust flows into the air stream and is whirled through the Roto-Power fan for finest break-up. Twin Agitators, no pressure back-up and no clogging, long wear, economy and comfort. Dust volume control in the "Roto-Power" duster gives you efficiency seldom attained in a large type duster. Discharge equipment, 2 nozzles, wye connection and four 15-inch telescoping tubes. Can be used with one or two nozzles for single or double rows. Shipping weight 15 pounds.

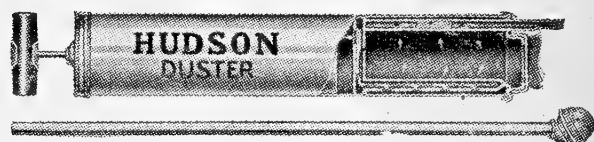
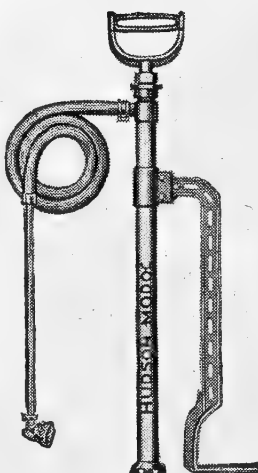
No. 608—"Roto-Power" Duster, largest size.....\$17.50



No. 608

## No. 122 MODOC SPRAYER

A sturdy sprayer for spraying fruit trees, garden truck, chicken houses, etc. Used with whitewash, cold water paints, insecticides. Develops 150-pound pressure. Can be used with bucket or small tank. Produces any type of spray from fog to solid stream. Cylinder 19 in. long. Air chamber ¾ x 19 in., 3 ft. of high pressure spray hose; 2-foot extension rod; all purpose angle spray nozzle adjustable from spray to solid stream. Weight 7 lbs. \$6.10.



No. 765 ADMIRAL DUSTER. The Admiral duster will efficiently apply any powder-insecticide. Volume of discharge ranges from a very fine to a heavy cloud. Uniform mixture of carrier and concentrate through the entire application. Economical application adapts it for higher priced powder-insecticides such as Rotenone, Derris Root, Pyrethrum, etc. Special plunger provides powerful air-blast which drives through powder agitating it thoroughly. Arrow indicates path of air current. Sturdily built. 2¾ in. diameter, 9½-in. stroke. Threaded cap makes plunger accessible or removable. Powder reservoir 2¾x6 inches. Large filler screw cap permits easy filling or cleaning. 24-in. extension tube with adjustable nozzle for straight or angle discharge. Weight 3 lbs. \$1.65, F.O.B. Medford.



No. 661 SIGNAL DUSTER. A practical small duster for the small gardener. 1¾ in. diameter, 3 in. length. Large, easily removed filler cap. Air valve prevents powder from getting back into pump. Discharge tube facilitates driving the powder into cracks and crevices. Weight 1 lb. 50c each, F.O.B. Medford.



# HUDSON SPRAYERS (Continued)



No. 432

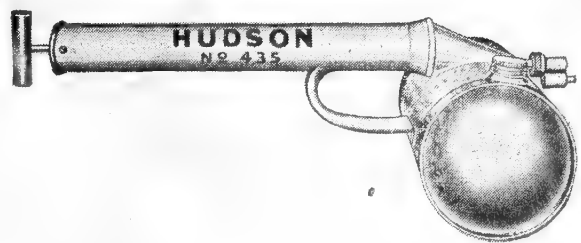
**HUDSON "CONTINUOUS" SPRAYER No. 432.** An exceptionally sturdy unit. Pump passes directly through the top of the tank and is securely soldered, preventing any possibility of parts getting out of alignment. Produces a very finely divided, continuous spray without spitting or streaming. Fitted with double nozzles for particular garden work. Capacity 1 quart, shipping weight 3 lbs. Price each, \$1.05.



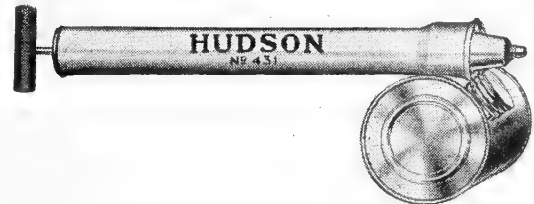
No. 303

**No. 303 FOG SPRAYER** handles all fly oils and insecticides and does not permit any liquid to drop on rug, chair, etc. The capacity is about 1 pint. Shipping weight 2 lbs. Price each, 45c.

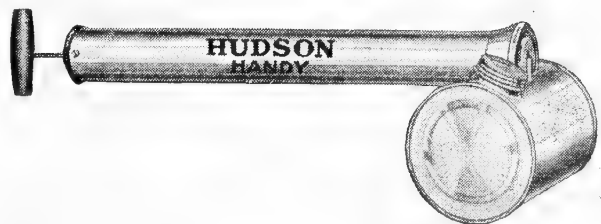
**No. 440 HANDY SPRAYER.** The improved Handy is a more efficient sprayer than ever before. Large container and big screw cap add to its usefulness as well as convenience. Does a splendid job around the yard on flowers and shrubs, in the poultry house, dairy barn. An unusual value in a quart tin sprayer at moderate cost. Weight 1 lb. 50c, F.O.B. Medford.



**No. 435 CARDINAL SPRAYER.** Is particularly effective for handling fly sprays in the dairy barn, milk house, creamery, etc. Excellent as a poultry-house sprayer. Continuous, 3-quart "Nu-action" pump. Heavy galvanized steel tank of 3-quart capacity. Adjustable nozzle adapts this sprayer for all classes of work and densities of solution. Weight 5 lbs. \$1.75, F.O.B. Medford.



**No. 431 COMET SPRAYER.** Adapted for fly oils and repellents, stock dip, agricultural insecticides and similar preparations in the dairy barn, poultry house, hog pen, garden, etc. Large powerful pump with patented "Nu-Action", and sturdy full quart container. 2 lbs. 85c, F.O.B. Medford. (A continuous sprayer.)



## HAYES-ETTE Self Mixing SPRAYER



Simply attach to garden hose. lightly press a button and HAYES-ETTE efficiently sprays up, down, sideways. Capacity 1 1/2 gallons. Operates on 20 to 150-pound water pressure. Weighs a little over a pound, but efficiently does work of many larger sprayers

**A GERMACO product. Price only \$2.95.**

## HARCO HAND SPRAYER



Prevent and kill destructive pests with HARCO Hand Sprayer. Only professional-type Sprayer priced so low. Long extension rod quickly sends insecticides onto tops of tall shrubs, reaches under-sides of small plants, penetrates hard-to-reach places. Durably made, trouble-free. Sprays up, down, sideways without adjustment.

**A GERMACO product. Price only \$2.35.**

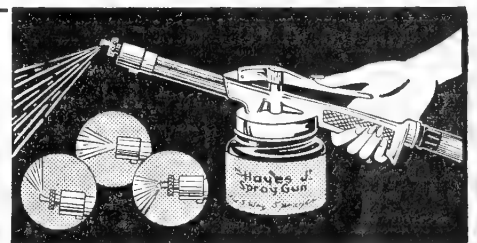
Do as successful market growers do — Place patented Germaco HOTKAPS — strong little hothouses — over seeds (or over plants when transplanting). Completely protect from destructive frosts, storms, insects — maintain perfect mulch. Increase yield from 18% to 51%. ripen plants three weeks earlier.

Quick, easy to set, instructions on package. 25 Hotkaps, 50c. 250 for \$3.50. Setter free. Beat everyone with first vegetables, flowers. Buy Germaco HOTKAPS from us today. MARKET GROWERS: GERMACO HOTKAPS help you have sure crops, highest out-of-season prices, bigger profits. 1000 for \$11.00.

Send for FREE FOLDER



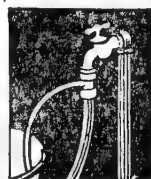
## HAYES JR. SPRAY GUN



Makes 3 gallons of mixed spray material at a time. Sprays up, down, sideways. Just attach HAYES JR. to garden hose, turn on the hydrant, lightly press the conveniently long lever — and HAYES JR. sprays! Gives efficient performance of heavy, expensive equipment. Operates on water pressure from 30 to 175 pounds. No moving parts to wear out or break — insures long life and satisfactory service. Price only \$5.95.

### HAYES 25 TO 1 PROPORTIONS

To apply liquid and soluble fertilizers, lawn moth solutions, insecticides and fungicides, etc. **only \$1.95**



# GARDEN TOOLS AND TRAPS

## **GARDEX** "Soil Flow" Tools for Garden and Field

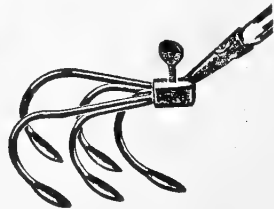
### GARDEX BOW-PULL HOE No. 120

An exceptionally fine hoe for use in thinning, hoeing and weeding among vegetables, tobacco, cotton and similar crops. There is no better tool for use under shrubberies. The cutting edge, turned well towards you, makes it possible to apply the **GARDEX** easy pulling principle, thus saving time, labor and backaches. Width 7".

PRICE (at Our Store) .....\$1.35  
PRICE, Postpaid .....\$1.60



No. 120



No. 1605



No. 1523

### GARDEX CULTIVATOR WEEDER No. 1523

Every gardener should have this combination tool. The weeding blade cuts off all weeds quickly and easily. The three-prong cultivator mulches the soil, getting in and at places otherwise hard to reach. Weeding blade is 4 inches wide while cultivator prongs cover 4½" width. Once you try **GARDEX** Tools you'll never be without them.

PRICE (at Our Store) .....\$1.35  
PRICE, Postpaid .....\$1.60



"DOGZOFF"

DOGZOFF keeps dogs and other animals away from places they are not wanted. Harmless. Cannot injure vegetation. Non-poisonous. Non-inflammable. You must be satisfied or money will be refunded.

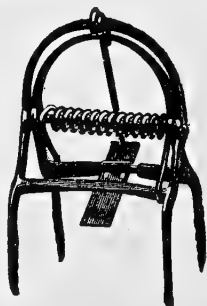
Dogs are creatures of habit. Correct the habits of the dog and you will have no further trouble. DOGZOFF makes this training possible. If you wish to keep dogs away from trees or flower beds, off porches or furniture, simply spray DOGZOFF. One application lasts several weeks... long enough usually to break even the most stubborn dog of his bad habits. Easily sprayed. Clings to any surface. Will not deteriorate. Get DOGZOFF today and know for the first time complete freedom from the annoyance of dogs and other animals.

3-Oz. Bottle, Postpaid .....\$ .75  
Pints, F.O.B. Medford ..... 2.50  
Quarts, F.O.B. Medford ..... 4.00

### OUT-O-SIGHT MOLE TRAP

Absolutely reliable. Directions for setting and full directions of the mole's habits furnished with each trap. Heavy powerful springs, malleable iron jaws. Teeth designed so as not to injure the hide. Height 8½ inches. Spread of jaws 2¾ ins. Weight each, 1½ lbs.

Price, \$1.50, postpaid.



### GARDEX 7 TOOLS IN ONE No. 1605

No wrench needed to change to a 1-2-3-4 or 5 prong cultivator. A simple turn of wing screw does the trick. Only 4 parts. No rust—No bolts—No Nuts to worry over. A child can make changes in a few seconds. It's the ladies' favorite. For work between rows, straddle rows or narrow places. Ideal for hot beds or green houses.

PRICE (at Our Store) .....\$1.60  
PRICE, Postpaid .....\$1.90

### THE "ALL-PURPOSE" GARDEN HOE for Cultivating, Weeding and Mulching

Try this new, high speed light weight garden tool. So easy to handle, so much lighter, faster and better—you'll never go back to the ordinary hoe! Enthusiastic women gardeners claim less fatigue, better results. You'll find it's fun to flick Dandelion and Plantain from the turf, or mulch around evergreens, shrubs, perennials. Goose-neck shank permits close cultivation of prized perennials. Amazingly efficient for mulching, cultivating, weeding your garden. Weighs only 1½ lbs., yet stronger than other garden hoes. Order today—if not delighted, return it for money back.

Price \$1.60, Postpaid.

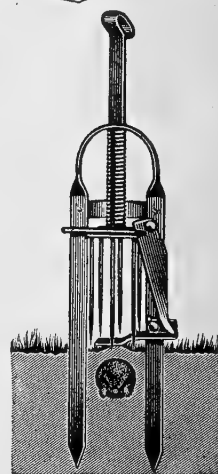


A Real Garden Aid

### VICTOR MOLE TRAP Standard Spear Type

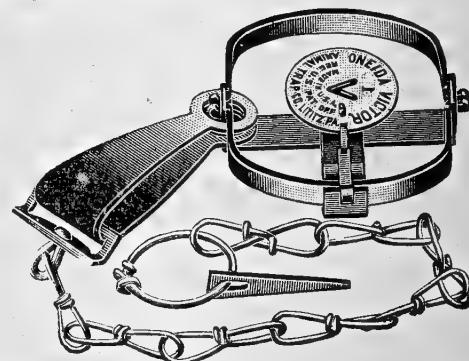
A sure, sensitive, and effective spear, or plunger type trap that harpoons the mole, causing instant death. Six prong Spears. Trap attractively finished with rust resisting coating. Extreme length when sprung 16¾ in. Net weight per trap 1 lb., 14 oz. Packed one trap in reshipping carton with card of instructions for setting and using. Shipping weight 2¾ lbs. each.

Each, Postpaid, \$1.50

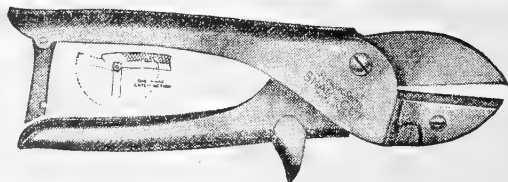


### ONEIDA VICTOR GAME TRAP

The most popular and efficient trap on the market. Expert workmanship makes every Oneida Victor a precision trap—strong and durable. So constructed that every part works perfectly. Because of their construction they do not rust tight or clog with dirt.



Size "0" for Rats, Gophers, Weasel. Each prepaid ..... 35c  
Size "1" for Muskrat, Skunk, Mink. Each prepaid ..... 45c

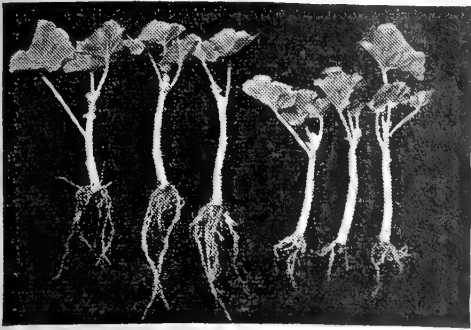


"SNAP-CUT" out-cuts all other pruners. Orchardists, home and professional gardeners everywhere recognize the "SNAP-CUT" as the most efficient pruner on the market today. A new cutting principle makes for easier cutting. Small in size, light in weight. Its handles are wide, comfortable and non-pinching. Those who have tried "SNAP-CUT" will use no other pruner. Even a child can handle this easy cutting pruning shear. Price each, postpaid anywhere, \$2.65. FREE book, "Secrets of Success in Pruning", sent to you by the manufacturer.



# ROOTONE

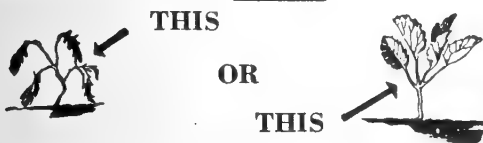
Reg. U. S. Pat. Off.



Geranium Cuttings. Treated and Untreated

ROOTONE, the plant hormone powder. Dip cuttings in Rootone before planting to give faster, better, more successful rooting. Mix flower, vegetable or grass seed with Rootone before planting to give faster growth and stronger roots. Easy to use. 1/4 oz. packet 25c. 2 oz. jar \$1.00. 1 lb. can \$5.00.

## WHICH DO YOU WANT ?



The hormones and vitamins (B, and others) found together only in

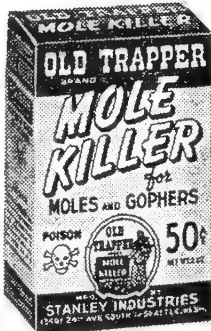


### THE HORMONE-VITAMIN POWDER

Stop the shock and wilt usually inevitable after transplanting all kinds of plants. . . . Simple, Safe, Economical to use. 1/2 oz. packet 25c, 1 oz. can 50c, 3 oz. can \$1.00, 1 lb. can \$4.00.

## OLD TRAPPER MOLE KILLER

This troublesome garden pest can be controlled quickly and easily with Old Trapper Mole Killer. Made especially for our Western moles. Gives certain results when used as per complete directions on the package. We have sold Old Trapper Mole Killer for three years and have found it truly effective against these pests. 2-oz. package, sufficient for 50 moles, 50c. Cannot be mailed as it is a poison.

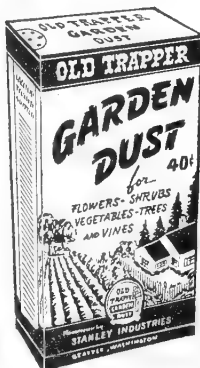


## OLD TRAPPER RAT KRUNCHES

Deadly to rats! Old Trapper Rat Krunches are tasty pellets, ready to use. They are safe, too, because they kill nothing but rats. One of the most effective rat baits made. Non-poisonous to livestock, poultry or human beings. 75 baits in package, 25c (35c postpaid). Larger package, 50c (60c postpaid).

## OLD TRAPPER GARDEN DUST

A combined insecticide and sulphur dust for the control of most insects and fungus diseases of vegetables, flowers, trees, shrubs and vines. A perfect dust for the home gardener and it is non-poisonous, too. We introduced Old Trapper Garden Dust last spring and it immediately received full consumer acceptance by reason of its sensational killing qualities. You'll make no mistake in using Old Trapper Garden Dust. In fact, there's no more substantial garden insecticide on the market. 1-lb. package with sifter top, 40c. Wt. packed for mailing, 2-lbs. Please add postage.



## Again You Can Have Rich, Pre-War Formula

We are now supplying Fulton's Plantabbs in the rich, white, completely dissolving TABLETS, the same formula as before they went to war. Plantabbs provide a high analysis of Nitrogen, Phosphoric Acid, and Potash PLUS all the Vitamin B1 needed by deficient plants, with many secondary ingredients thereby making a complete, balanced FOOD in quickly available form which improves every type of flower and vegetable fed upon it.

## GROW BEAUTIFUL PLANTS AND FLOWERS

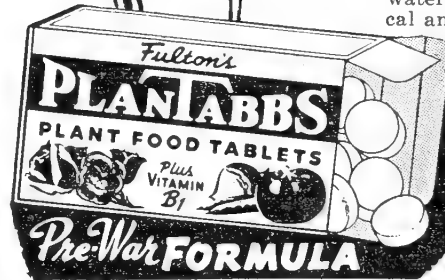
HOUSE PLANTS flourish with strong, green, bushy foliage, the blooming kind covered with perfect blossoms. Ferns, Geraniums, Ivy, Cacti, African Violets, etc., thrive the year round.

GARDEN FLOWERS like Roses, Delphinium, Dahlias, Mums, etc., will make your garden a true joy.



VEGETABLES. Begin feeding when plants are well up out of the ground. Repeat regularly to maturity and raise a crop of tomatoes, beans, peas, etc., like you never dreamed of.

Push a tablet into the soil near the stem or, if liquid form is preferred, simply drop 4 tablets in a gallon of water. Quick, easy, economical and so safe will not burn tenderest plants.

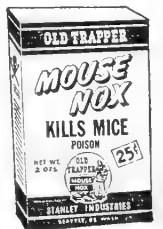
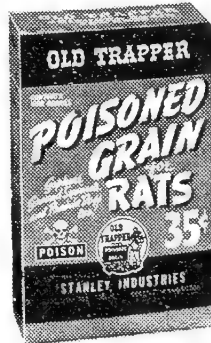


For prize results, we recommend Fulton's Plantabbs in boxes of

10 Tablets..	\$ .10
30 Tablets..	.25
75 Tablets..	.50
200 Tablets..	1.00
1000 Tablets..	3.50

## OLD TRAPPER POISONED GRAIN

For rats, gophers and ground squirrels, Old Trapper Poisoned Grain is our recommendation. The oats, wheat and barley are highly impregnated and made especially attractive to rodents. Field mice succumb to it, too! Large 9-oz. package, 35c. Cannot be mailed as it is a poison.



## OLD TRAPPER MOUSE NOX

Rid your premises of mice this quick and easy way. Mice love Mouse Nox. A few grains does the job. It is a positive destroyer of mice. 2-oz. package, 25c. Poison, cannot be mailed.

## KILLS SOIL PESTS

Diamond Quality Naphthalene Flakes are now used extensively throughout the west for the control of many soil pests. This material is highly recommended by the U. S. Department of Agriculture for the control of Wireworms. One pound of material thoroughly worked into 50 square feet of ground will give from 97 to 100% kill.

Get your supply early and work it into the ground before planting your Victory Garden.



2 pounds.....	\$ .50
5 pounds.....	1.10

Postage paid.

Diamond Quality Naphthalene Flakes is also recommended for the control of Gladiolus Thrip. One ounce of flakes to every 100 bulbs, placed in a paper sack right after digging.

PLEASE ADD POSTAGE TO ABOVE GOODS

## POPULAR

# GLADIOLUS

OUR BULBS ARE  
FUMIGATED TO  
DESTROY THRIP.  
BEST QUALITY!

**ALADDIN.** A beautiful bright salmon with cream blotch. Immense beautifully ruffled blooms on a long erect head. Many blooms open at one time. Very striking. 15c each, \$1.35 dozen, postpaid.

**MINUET.** A wonderful clear lavender. A lavender by which all others are judged. Six or seven wide florets open at once, arranged perfectly on a tall straight spike. Combines beautifully in bouquets with Maid of Orleans. 12c each, 1.20 doz. Postpaid.

**BARCAROLE.** Here is a beauty. Large clear grenadine orange with no markings. Beautifully ruffled bloom of heavy substance. One of the best new orange varieties. Your garden isn't complete without it. 15c each, \$1.35 dozen, postpaid.

**GIANT NYMPH.** Lovely light rose-pink suffused with creamy yellow in the throat. Giant flowers, very attractive either in the garden or bouquets. Tall growing, straight spikes. 12c each, \$1.20 doz. Postpaid.

**BIT O' HEAVEN.** Beautiful shade of orange with yellow throat. Opens 9-12 medium size blooms on a tall, straight plant. Out of the ordinary. 13c each, \$1.25 dozen, postpaid.

**BLUE BEAUTY.** Light blue, shading darker toward the edges, giving the appearance of medium blue. Large wide open round flowers. Makes for a beautiful display when grown or massed in bouquets with Maid of Orleans. 15c each, \$1.50 dozen, postpaid.

**CHARLES DICKENS.** A beautiful purple violet. Long spikes with 10 to 12 florets open at one time. Extra strong propagator. Very outstanding. 12c each, \$1.20 dozen, postpaid.

**COMMANDER KOEHL.** Large dark scarlet red, without markings or blotches. Individual florets 6½ inches across, of which there are six or seven open at a time. 13c each, \$1.25 dozen, postpaid.

**DR. F. E. BENNETT.** The popular, well known fiery red. One of the most brilliant scarlets grown. Fine large flower. Erect grower, strong stem. 12 each, \$1.20 dozen. Postpaid.

**J. S. BACH.** Salmon with white midrib. A wonderful exhibition variety with as many as 8 florets open on tall spikes. One of the largest of the early blooming Gladiolus. 13c each, \$1.25 per dozen, postpaid.

**KING LEAR.** Clear, deep reddish purple with silver line on edge of petals. Five to six blooms open on a tall, strong, slender spike. 13c each, \$1.25 dozen, postpaid.

**MAID OF ORLEANS.** Color creamy-white with a distinctive light cream shade in the throat. The best commercial white. Fine for cutting. 12c each, \$1.20 dozen, postpaid.

**MARGARET BEATON.** One of the most beautiful blotched varieties. Tall, large and white with small scarlet feathering. Opens about eight flowers. Good propagator. This is quite new and found in very few gardens. Deserving of your consideration. It's outstanding. 16c each, \$1.60 dozen.

**PELEGRINA.** The large deep blue flowers have a strong appeal due to their color and fine arrangement of the florets. An old timer but still in popular favor. 12c each, \$1.20 dozen. Postpaid.

**PICARDY.** Color soft apricot pink with a silvery sheen, feathering of slightly deeper color in the throat. The individual florets are extremely large, slightly ruffled and of a heavy waxlike substance. 13c each, \$1.30 dozen, postpaid.

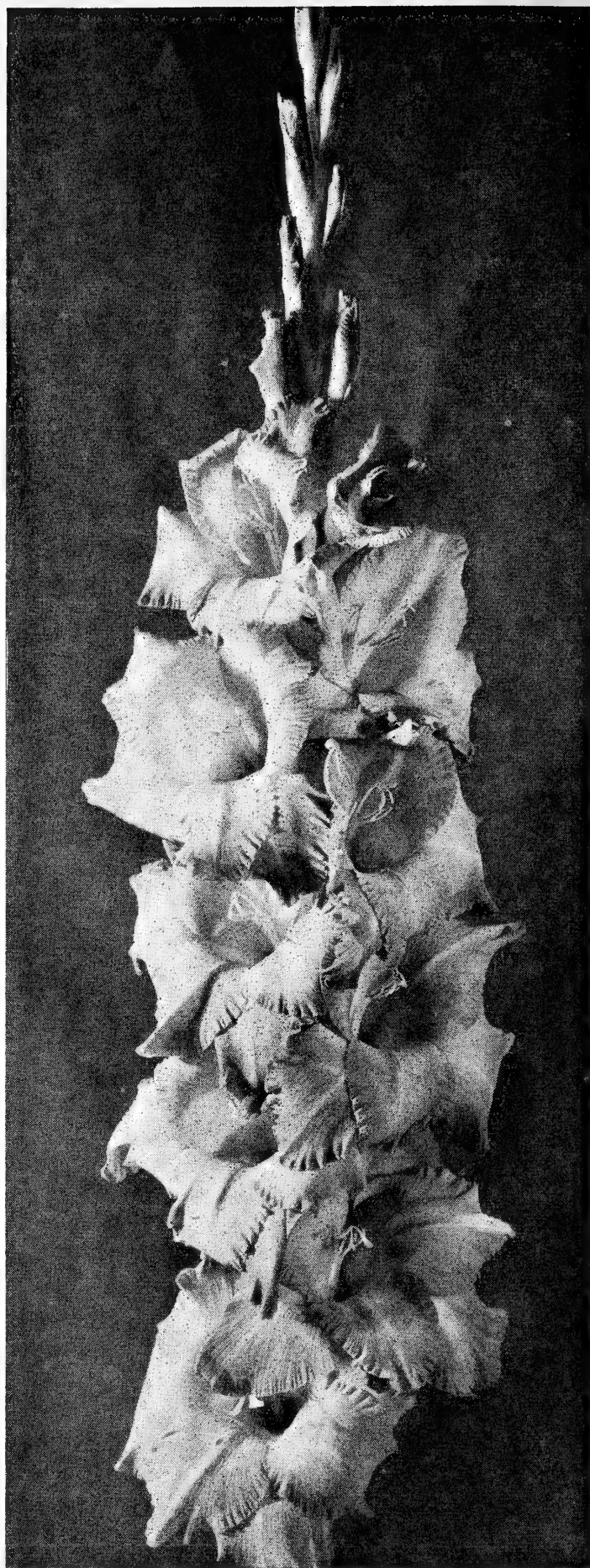
**RED PHIPPS.** Brilliant light scarlet, splendid cut flower as color is excellent for indoor use. Also a good commercial variety. A very striking color. 12c each, \$1.20 dozen, postpaid.

**ROSA VAN LIMA.** Light rose with a few darker lines in the throat. Up to 8 or more well placed blooms on a tall strong spike. 13c each, \$1.25 dozen, postpaid.

**VAGABOND PRINCE.** Iridescent garnet-brown, lighter in upper throat and small blotch of glowing scarlet-red on lip petal. Eight to 10 blooms open on tall straight spike. Very prolific and a dandy. 12c each, \$1.20 dozen, postpaid.

**YELLOW EMPEROR.** Large flowered deep yellow. Vigorous grower. Best yellow in its class. A large bloom, not the small type. Beautiful to say the least. 13c each, \$1.25 dozen.

**ZUNI.** Combination of salmon and slate with a slight feathering of orange-salmon. One of the finest smoky varieties with 10 florets in bloom at one time. 15c each; \$1.50 dozen, postpaid.



## TIP-TOP GLAD MIXTURE

In this mixture we give you only the choicest of varieties at a price that will permit of volume buying. We assure you an assortment of the latest sorts and finest colors. Prices, postpaid, 85c doz., \$6 per 100.



**Date Filled by**

**WRITE YOUR NAME AND ADDRESS PLAINLY**

**Name**.....

**County**..... **R. D.**.....

Postoffice.....) Box.....

**State**.....

If different from Postoffice, give name of town or city in which your nearest freight or express office is located.

Check in square if to be shipped by  
Mail ☐ Express ☐ or Freight ☐

**AMOUNT ENCLOSED**

**Cash - - \$.....**

**P.O. Order \$.....**

**Exp. Order \$**.....

**Draft - - \$.....**

**Stamps - \$.....**

**Total - \$**.....

**Gentlemen:**

Date.....194.....

**Enclosed find \$..... for which please send me the following:**

[illegible]

**We give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs, plants or trees we send out, and will not be in any way responsible for the crop.**

## HAVE YOU ADDED POSTAGE TO ITEMS NOT POSTPAID ?

[illegible]



**From**

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**Monarch**  
**SEED & FEED CO.**

**"Your Seedsmen Since 1910"**

**Medford, Oregon**







## GLADIOLUS "ON PARADE"

A Wealth of Color to Grace  
Your 1945 Garden

- No. 1 DR. F. E. BENNETT
- No. 2 GIANT NYMPH
- No. 3 MINUET
- No. 4 ROSA VAN LIMA
- No. 5 YELLOW EMPEROR
- No. 6 RED PHIPPS
- No. 7 PELEGRINA
- No. 8 PICARDY
- No. 9 BIT O' HEAVEN
- No. 10 MAID OF ORLEANS
- No. 11 ALADDIN
- No. 12 COMMANDER KOEHL

FOR PRICES  
AND FULL DESCRIPTIONS  
SEE PAGE 44

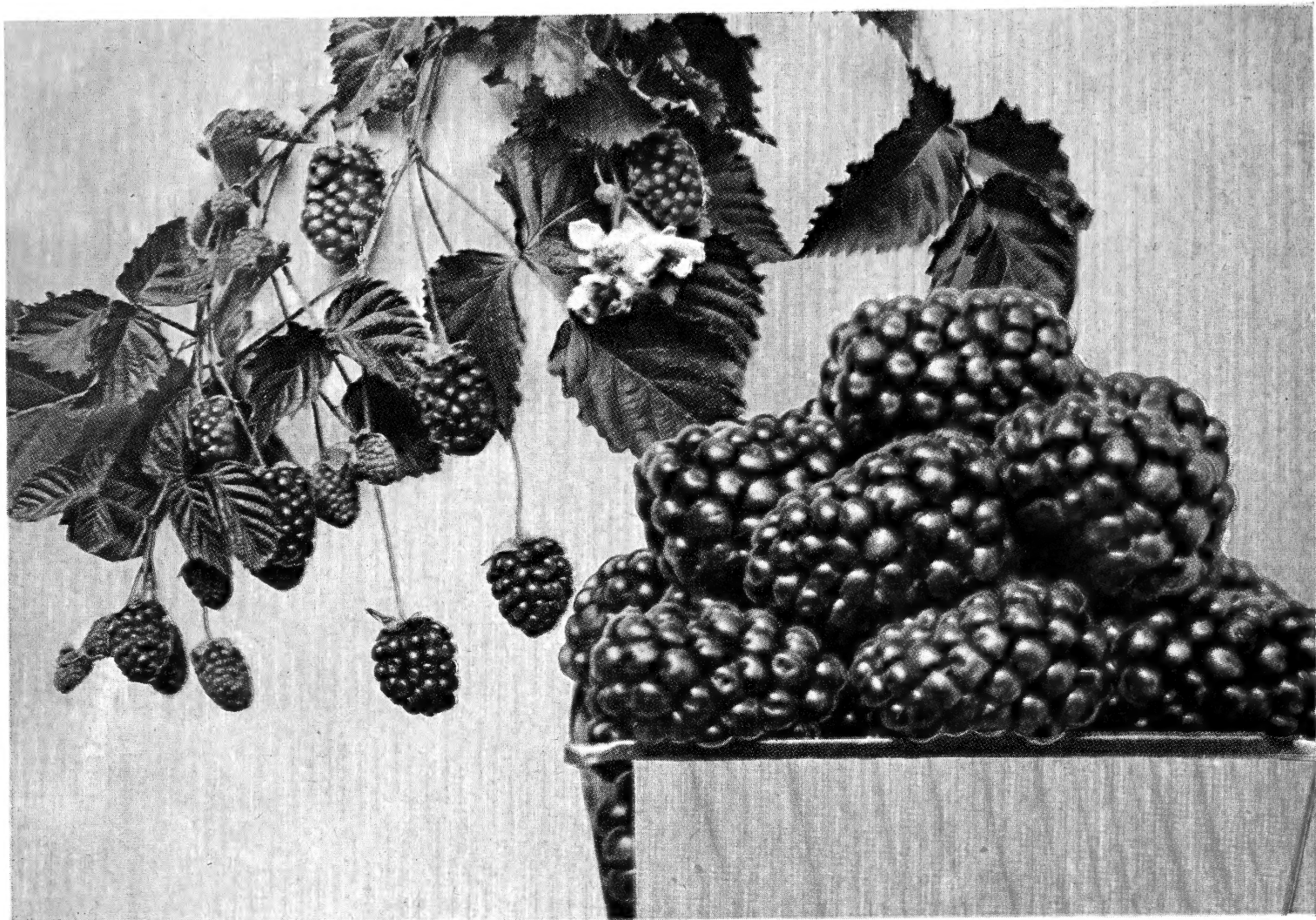
**SPECIAL  
OFFER!**

1 EACH OF ABOVE  
12 BULBS POSTPAID

**\$1.15**

100 OF ABOVE  
EQUALLY ASSORTED  
POSTPAID

**\$9.00**



# KING NECTARBERRY

**THE BERRY SENSATION  
OF A DECADE!**

**Nectarberry offers you a new taste-  
sensation in a berry that has every-  
thing . . . size, flavor, sales appeal.**

**"KING" NECTARBERRIES ARE OF MAM-  
MOTH SIZE. THE FLAVOR IS PLEASING,  
CARRYING THE TANG OF YOUNGBERRY  
AND THE PLEASING TASTE OF RASP-  
BERRY. CONTAIN LESS ACID. DARK  
WINE COLOR. ALMOST SEEDLESS.**

## **ONE-YEAR TIPS**

<b>1 TO</b>	<b>5 PLANTS, each</b>	<b>60c</b>
<b>6 TO</b>	<b>10 PLANTS, each</b>	<b>55c</b>
<b>10 TO</b>	<b>50 PLANTS, each</b>	<b>50c</b>
<b>50 TO 100 PLANTS, each</b>		<b>45c</b>

**Prices Postpaid**

**More Fully Described on Page 21**

**Monarch**  
**SEED & FEED CO.**  
**MEDFORD,  
ORE.**